

Play the Piano

Play various sounds

page 6

This piano contains a wide variety of tones (sounds).
You can freely select and perform using these tones.

For a list of the sounds, refer to "Tone List." (p. 26)

Play two layered tones (Dual Play)

page 7

You can layer two tones on a single key.

Play different tones with your left and right hands (Split Play)

page 7

You can divide the keyboard into left and right zones, and select a different tone for each zone.

Live Performance Features

Adjust the tone color (Equalizer)

page 6

You can adjust the character of the sound as appropriate for the location where you're playing the instrument.

Recall performance settings (Registration)

page 14

You can save the settings related to your performance and recall them up anytime, easily.

Convenient Functions

Record your performances

page 10

You can record your performance.

Bluetooth function

page 17

You can use the **Bluetooth**-compatible app "Piano Partner 2," or play back audio from your smartphone.

Personalize your piano (Piano Designer)

page 13

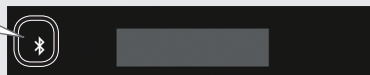
You can customize the sound to your own taste by adjusting the sonic elements of the grand piano sound.

Provision of Bluetooth functionality

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

If Bluetooth functionality is included

The **Bluetooth** logo appears when you turn on the power.



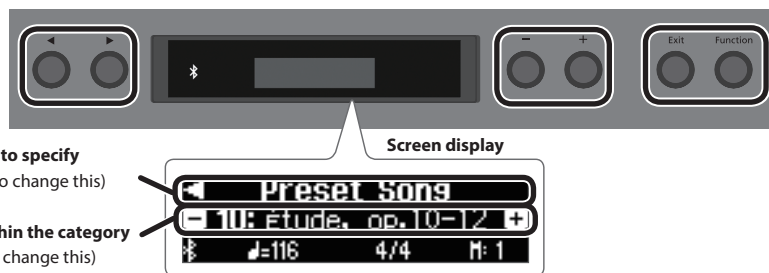
Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY" and Owner's Manual (p. 28)). After reading, keep the document(s) including those sections where it will be available for immediate reference.

Read This First

Basic Operations

On this piano, you can use the buttons of the operating panel to make various function settings.

The "◀", "▶", "←", "→", "+", "Enter (Func)", and "Exit" indications shown in the screen indicate the buttons used to operate the various functions.



Upper line: shows the category to specify
(you can use the [◀] [▶] buttons to change this)

Lower line: shows the value within the category
(you can use the [-] [+] buttons to change this)

Selecting the category to set

Use the [◀] [▶] buttons to select the category that you want to set.

Selecting values within a category

Use the [-] [+] buttons to change a value within the category.

"Enter" and "Exit"

Use the [Function] (Enter) button to confirm the selected category or value.

Use the [Exit] button to go back to the previous operation.

Placing the FP-60 on a Stand

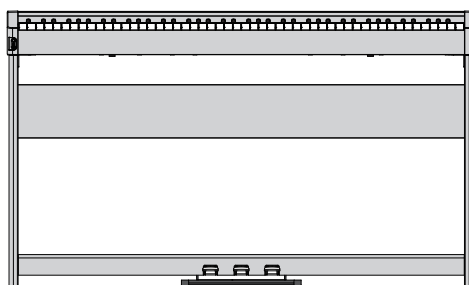
Please use one of the following Roland stands to support your FP-60: KSC-72, KS-G8B, or KS-12 (sold separately).

Refer to the following when using a stand.

* Be careful not to pinch your fingers when setting up the stand.

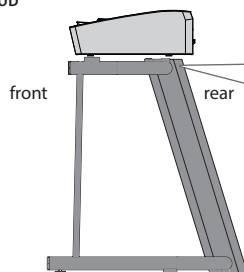
KSC-72 (Dedicated stand for FP-60)

Refer to KSC-72 Owner's Manual.

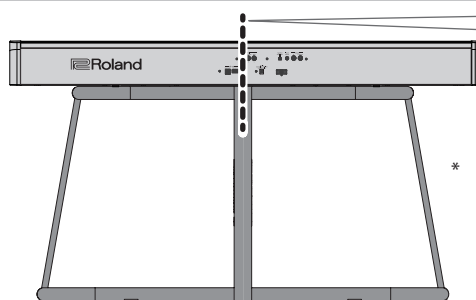
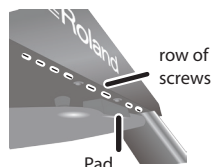


* The pedal board (KPD-90) is sold separately.

KS-G8B



Position the piano so that the pad at the rear of the stand is immediately in front of the row of screws on the bottom of the piano

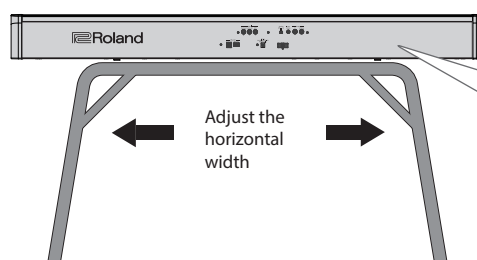


Align the centers of the piano and the stand

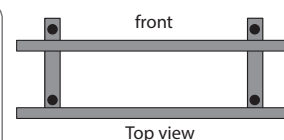
* For safety, do not use the stand in its very highest adjustment position.

KS-12

* For safety, do not use the stand in its very highest adjustment position.



Adjust the horizontal width so that the rubber feet on the bottom of the piano fit into the depressions (four locations) of the stand.



Contents

Read This First	2	Changing How the Pedal Effects Are Applied (Damper Pedal Part)	23
Basic Operations	2	Changing the Function of the Center Pedal (Center Pedal)	23
Placing the FP-60 on a Stand	2	Changing How the Pedal Effects Are Applied (Center Pedal Part)	23
Main Specifications	3	Changing the Function of the Left Pedal (Left Pedal)....	23
Panel Descriptions	4	Changing How the Pedal Effects Are Applied (Left Pedal Part)	23
Rear Panel	5	Using a Pedal to Switch Registrations (Reg. Pedal Shift) .	24
Operation Guide	6	Sending Tone-Change Information (Transmit MIDI Information)	24
Advanced Operation	10	Preventing Doubled Notes When Connected to a Sequencer (Local Control)	24
Recording Your Performance	10	MIDI Transmit Channel Settings (MIDI Transmit Ch.)	24
Recording	10	Adjusting the Brightness of the Display (Display Contrast)	24
Recording a New Song	10	Adjusting the Brightness of the Buttons (Panel Brightness)	24
Recording Audio to USB Flash Drive	10	Making the Power Automatically Turn Off After a Time (Auto Off)	24
Deleting a Saved Song (Delete Song)	11	Troubleshooting	25
Renaming a Song (Rename Song)	12	Error Messages	26
Copying a Saved Song (Copy Song)	12	Tone List	26
Personalizing Your Piano Sound (Piano Designer)	13	Saved Settings	27
Saving Performance Settings (Registration)	14	USING THE UNIT SAFELY	28
What Is a Registration?	14	IMPORTANT NOTES	28
Recalling a Registration	14		
Saving Current Settings into a Registration	14		
Saving a Registration Set (Registration Set Export)	15		
Loading a Saved Registration Set (Registration Set Import)	15		
Convenient Functions	16		
Reformatting Memory (Format Media)	16		
Restoring the Factory Settings (Factory Reset)	16		
Retaining Settings After Power-Off (Memory Backup)...	16		
Using the Bluetooth® Functionality	17		
Here's What You Can Do	17		
Listening to Music Through the Piano's Speakers	18		
Making Initial Settings (Pairing)	18		
Connecting an Already-Paired Mobile Device	18		
Playing Back Audio	18		
Using the Piano with an App	19		
Example Apps That Can Be Used with the Piano	19		
Making Settings (Pairing)	19		
Using the Pedals to Turn Pages on a Music Score App...	20		
Making Initial Settings (Pairing)	20		
Connecting an Already-Paired Mobile Device	20		
Turning Pages	20		
Various Settings (Function Mode)	22		
How to Use Function Mode	22		
Adjusting the Keyboard Response (Key Touch)	22		
Matching the Pitch with Other Instruments (Master Tuning)	22		
Changing the Tuning Method (Temperament)	22		
Specifying a Song's Tonic (Temperament Key)	22		
Editing the Equalizer Settings	22		
Adjusting the Volume of an Audio Playback Device or Bluetooth Audio (Input/Bluetooth Vol.)	23		
Specifying the Song (SMF) Playback Mode (SMF Play Mode)	23		
Selecting the Format for Recording (Recording Mode) ..	23		

Main Specifications

Roland FP-60: Digital Piano

	FP-60
Sound generator	Piano Sound: SuperNATURAL Piano
Keyboard	88 keys (PHA-4 Standard Keyboard: with Escapement and Ivory Feel)
Bluetooth function	Audio: Bluetooth Ver 3.0 (Supports SCMS-T content protection) MIDI, Turning music sheet: Bluetooth Ver 4.0
Power supply	AC adaptor
Power consumption	5W (4W-22W)
Dimensions	Detached music rest: 1,291 (W) x 344 (D) x 125 (H) mm, 50-7/8 (W) x 13-9/16 (D) x 4-5/16 (H) inches FP-60 with KSC-72 and music rest: 1,291 (W) x 382 (D) x 944 (H) mm, 50-7/8 (W) x 15-1/16 (D) x 37-3/16 (H) inches
Weight	19.0 kg, 41 lbs 15 oz (FP-60 with music rest) 32.7 kg, 72 lbs 2 oz (FP-60 with KSC-72, KPD-90, and music rest)
Accessories	Owner's Manual, Leaflet "USING THE UNIT SAFELY," AC adaptor, Power cord, Music rest, Damper pedal (DP-10; capable of continuous detection)

	FP-60
Options (sold separately)	Dedicated stand: KSC-72 Dedicated pedal board: KPD-90 Keyboard stand: KS-G8B, KS-12 Pedal unit: RPU-3 Damper pedal: DP series Pedal switch: DP-2 Expression pedal: EV-5 USB Flash Memory (*1) *1: 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.

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.

English

日本語

Deutsch

Français

Italiano

Español

Português

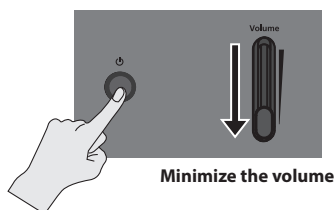
Nederlands

Panel Descriptions

[⏻] button

Turning the FP-60 On

1. Move the [Volume] slider all the way down to minimize the volume.



2. Hold down the [⏻] button until the display shows "Roland Digital Piano."

The power turns on, and the tone buttons and other buttons illuminate.

3. Move the [Volume] slider to adjust the volume.

Turning Off the Power

1. Move the [Volume] slider all the way down to minimize the volume.

2. Hold down the [⏻] button until the display shows "Don't disconnect the power."

The piano is turned off.

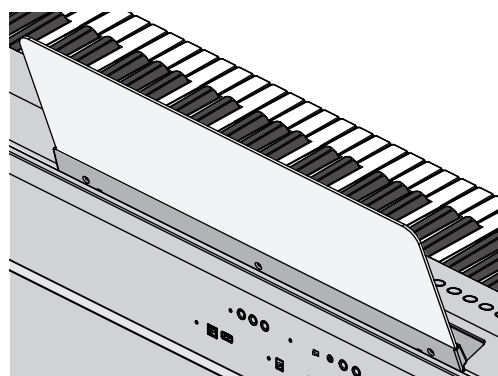
- * Never disconnect the power cord while the screen indicates "Don't disconnect the power."

Concerning the Auto Off function

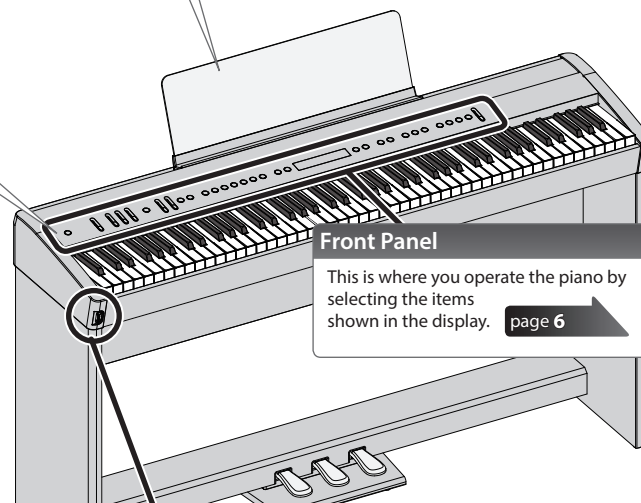
The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 24).

- 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 (p. 27).
- To restore power, turn the power on again.

Attaching the Music Rest



1. Insert the music rest into the slit on the top of the piano.

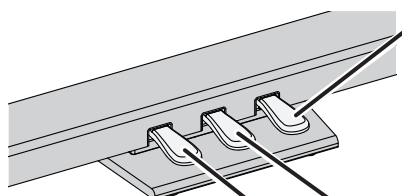


Headphone Jacks

Connect headphones (separately sold) here.



Pedals (KPD-90 / RPU-3: sold separately)



KPD-90 (sold separately)

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.

This reproduces the following features of an acoustic piano's damper pedal.

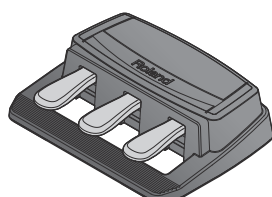
- A change in feel as you press the pedal, initially light but becoming heavier as you continue pressing (KPD-90 only)
- Richness and spaciousness added by other strings sympathetically resonating with the sound of the notes you play
- The distinctive decay added by "half-pedaling," in which the core of the sound ends quickly while leaving only a rich spaciousness and resonance

Sostenuto Pedal

The notes you are pressing when this pedal is depressed will be sustained.

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 a grand piano. The softness of the tone can be varied subtly by the depth to which you press the pedal.

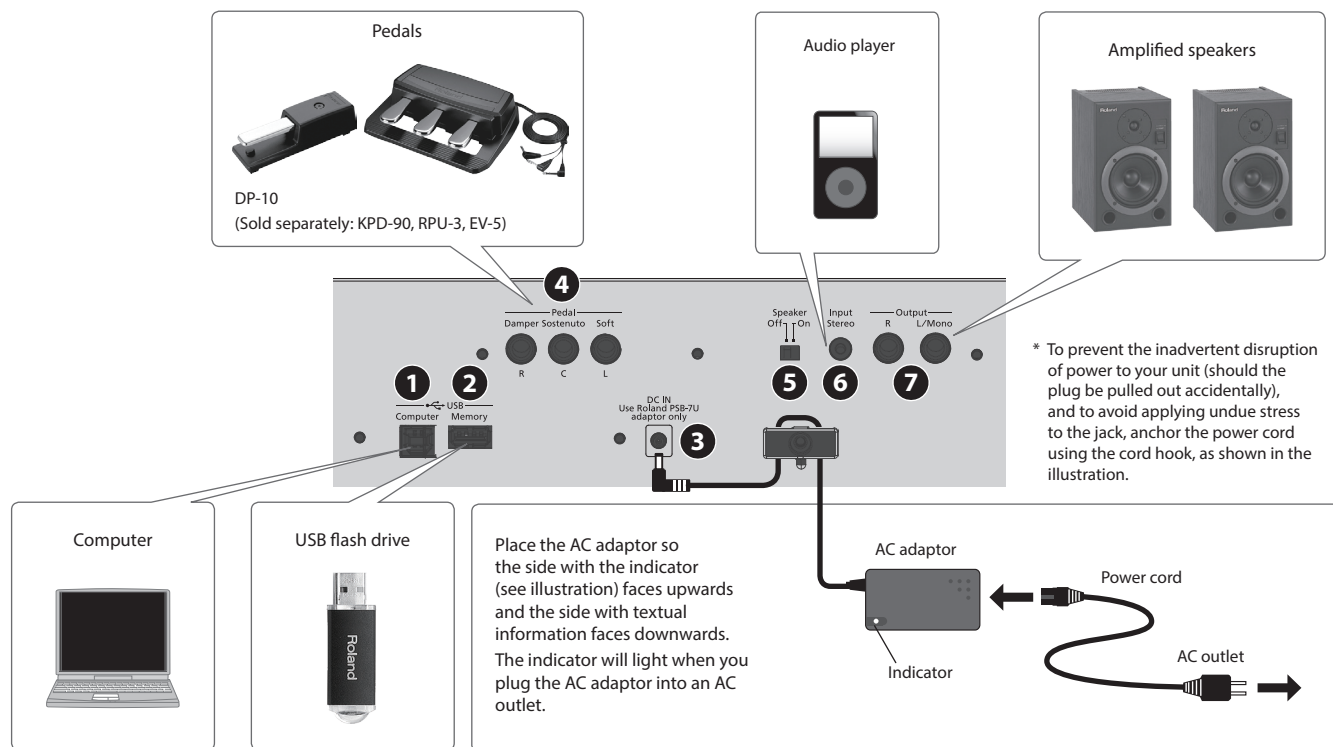


RPU-3 (sold separately)

- * When operating the pedal, take care not to pinch your fingers between the moving part and the body of the unit. Pay special attention to this when using the unit where children are present.

Rear Panel

Connect pedals and USB flash drive.



1 USB Computer port

You can use commercially available USB cable to connect the FP-60 to your computer. You can then use MIDI-related software to record and play back FP-60 performances.

2 USB Memory port

You can use USB flash drives to do the following.

- Play WAV files, MP3 files, and standard MIDI files (SMF files) copied from your computer.
- Make audio recordings of your FP-60.
- Export/Import a registration set.

* Never turn off the power or disconnect a USB flash drive or the power cord while the USB memory access indicator is blinking.

* 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.

3 DC IN jack

Connect the included AC adaptor here.

4 Pedal Damper / Sostenuto / Soft jacks

Connect pedals to these jacks.

- * Do not connect any pedal other than the specified pedal to the Pedal Damper jack.
- * The EV-5 is compatible only with the Pedal Sostenuto / Soft jack.

5 Speaker [Off / On] switch

Turns the FP-60's speakers on or off.

6 Input Stereo jack

Connect an audio player here.

* If you use a cable that contains a built-in resistor, the volume of the device connected to the Input Stereo jack might be decreased. Use a connection cable that does not contain a resistor.

7 Output R, L/Mono jacks

You can output the sound of FP-60 to amplified speakers.

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

Operation Guide

Basic operations

Select a setting item	Press the [◀] [▶] buttons.
Edit a value	Press the [-] [+] buttons.
Restore the default value	Press the [-] [+] buttons simultaneously.
Cancel an operation	Press the [Exit] button.



Selecting a Tone (Single)

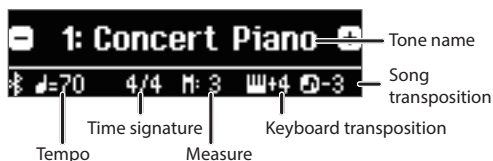
In addition to piano sounds, the piano lets you enjoy performing with many other sounds.

These sounds are called "Tones." There are six groups of tones; each tone button selects a group.

To select a tone

1. Press a tone button (e.g., [Piano]) and then use the [-] [+] buttons.

Viewing the display



[Strings] button	Allows you to select the sounds of string instruments such as violins, as well as other instruments used in orchestras, which are appropriate when used for "Dual Play" with a piano sound.
[Organ] button	Allows you to select organ tones. If you've selected a tone to which the rotary effect is applied, pressing the [Organ] button will switch the speed of the rotary effect.
[Pad] button	Allows you to select synth pad tones.
[Other] button	Allows you to select vocal, brass, and GM2 tones.

MEMO

When playing a tone that uses tremolo or has a vibrating quality, you can adjust the speed of the modulation by holding down the current tone button and pressing the Tempo [Slow] [Fast] buttons.

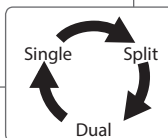
Tone groups

[Piano] button	Allows you to select various historical instruments, including grand pianos, or harpsichords.
[E. Piano] button	Allows you to select various electric piano sounds used in pop or rock.

Auditioning the tones (Tone Demo)

1. Hold down the [Split/Dual] button and press the [Transpose] button.
2. Press one of the tone buttons.

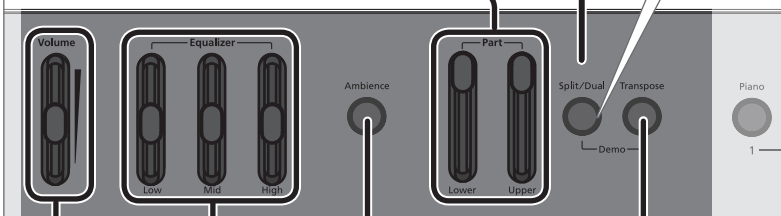
The tone used for the demo song depends on which tone button you press.



Changing the Keyboard Volume Balance (Part Volume)

When using "Split Play" or "Dual Play," you can adjust the keyboard's volume balance.

	[Lower] slider	[Upper] slider
When using Normal (Single) Play	Not used	Adjusts the volume of the keyboard.
When using Split Play	Adjusts the volume of the region below the Split Point.	Adjusts the volume of the region above the split point.
When using Dual Play	Adjusts the volume of tone 2.	Adjusts the volume of tone 1.



Adjusting the Overall Volume (Volume)

You can adjust the speaker volume when using the internal speakers, or the headphone volume when headphones are connected.

Adjusting the Tone Color (Equalizer)

Use these sliders to boost or cut the sound in the Low, Mid, and High frequency ranges.

page 22

Adjusting the Ambience (Ambience)

The reverberation that is characteristic of a performance in a concert hall can be added to the sound.

1. Press the [Ambience] button.
2. Press the [-] [+] buttons.

This lets you adjust the acoustical character (ambience) of the sound. Higher values produce deeper ambience; lower values produce shallower ambience.

MEMO

If you press the cursor [▶] (right) button, a screen appears in which you can adjust the acoustical character of the sound that's heard through headphones (Headphones 3D Ambience).

Transposing Your Performance (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."

If you play C E G → It will sound E G#B



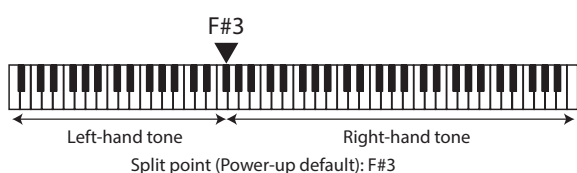
	-6-0-+5 (default value: 0)
Kbd Transpose	MEMO You can also change the keyboard transpose setting by holding down the [Transpose] button and pressing the note that will be the tonic (root note) of the transposed key.
Song Transpose	-12-0-+12 (default value: 0)

Playing Different Tones with the Right and Left Hands (Split)

You can play different tones in the areas at the left and right of a specified key. For example, you can use your left hand to play a bass tone and use your right hand to play a piano tone.

This feature is called "Split Play," and the point at which the keyboard is divided is called the "Split Point."

Turning Split Play on	Press the [Split/Dual] button several times to access the Split screen.
Changing the right-hand tone and left-hand tone	<ol style="list-style-type: none"> 1. Use the [◀] [▶] buttons to select "right-hand tone" or "left-hand tone." 2. Press a tone button. 3. Use the [-] [+] buttons.
Split Point	<p>Changes the split point.</p> <p>MEMO</p> <p>You can also specify the split point by holding down the [Split/Dual] button and pressing the key where you want to split the keyboard.</p> <p>B1–B6 (default value: F#3)</p>
Right Shift, Left Shift	<p>Changes the pitch of the right-hand or left-hand tone in units of one octave.</p> <p>-3–0–+3 (default value: 0)</p>



- * Depending on the combination of tones, the effect might not apply to the left-hand tone, causing the sound to appear differently than usual.
- * If you select a sound from the [Piano] button as the left-hand tone, it might sound different than usual.

Layering two tones (Dual)

You can play two tones simultaneously from a single key. This function is called "Dual Play."

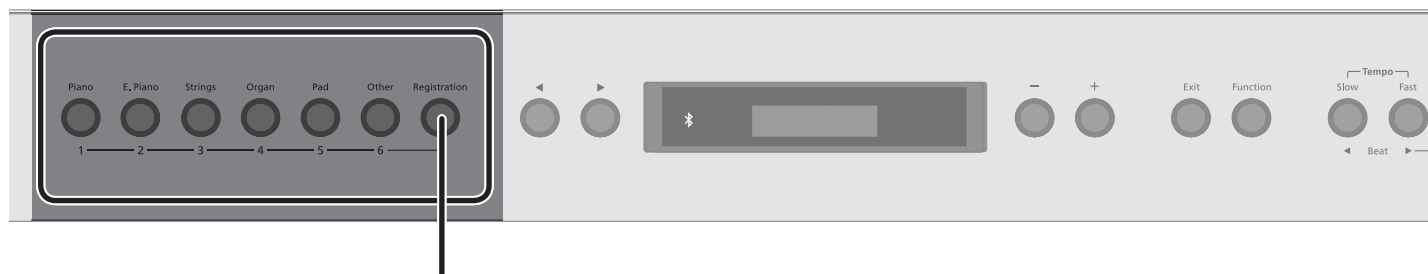
Turning Dual Play on	<p>Press the [Split/Dual] button several times to access the Dual screen.</p> <p>MEMO</p> <p>You can also use Dual Play by pressing two tone buttons simultaneously (only when the setting is Single).</p>
Changing tone 1 and tone 2	<ol style="list-style-type: none"> 1. Use the [◀] [▶] buttons to select "tone 1" or "tone 2." 2. Press a tone button. 3. Use the [-] [+] buttons.
Tone 1 Shift, Tone 2 Shift	<p>Changes the pitch of tone 1 or tone 2 in units of one octave.</p> <p>-3–0–+3 (default value: 0)</p>

- * Depending on the combination of tones, the effect might not apply to tone 2, causing the sound to appear differently than usual.
- * If you select a sound from the [Piano] button as tone 2, it might sound different than usual.

Reading the note name (e.g., C4)

The alphabetical indication for settings such as Split Point shows the name of the note.

For example, the indication "C4" means "the fourth 'C' from the left edge of the keyboard."



Recalling Performance Settings (Registration)

You can use the registration feature to save the current performance settings into a "registration" that you can recall whenever you wish.

page 14

Recalling a registration

1. Press the [Registration] button.
2. Press one of the number buttons, from [1] to [6], to select the registration.
3. Press the [-] [+] buttons to select the registration variation.

Reference

For details on the settings that can be stored, refer to "Saved Settings" (p. 27).

Saving current settings into a registration

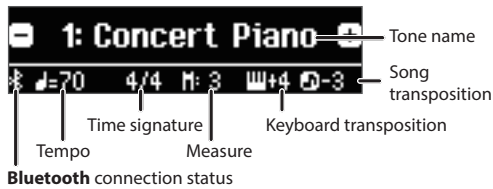
1. Set the desired performance settings.
2. While holding down the [Registration] button, press a button from [1] to [6] to select a registration and then press the [-] [+] buttons to select a registration variation.
3. Use the [-] [+] buttons and the [◀] [▶] buttons to give a name to the registration.
4. Press the [Function] button.



Display

The display shows information such as the tone name, song name, tempo, and time signature. The "◀"▶" and "-" "+" indications shown in the screen indicate the buttons used to operate the various functions.

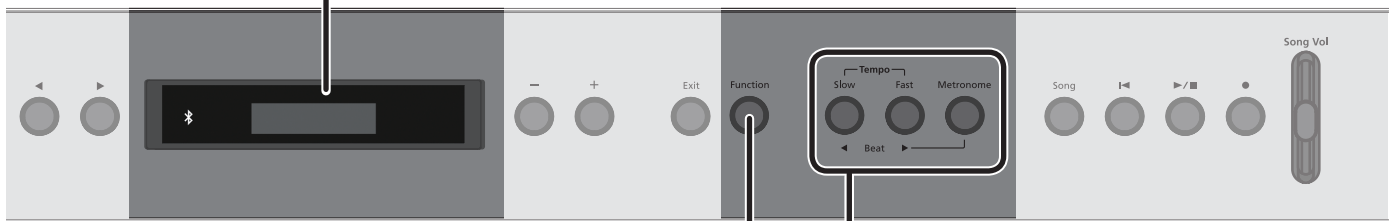
Viewing the display (Single)



Split



Dual



Various Settings (Function Mode)

You can make detailed settings for the unit.

1. Press the [Function] button.
2. Use the [◀] [▶] buttons to select the item that you want to adjust.
3. Use the [-] [+] buttons to adjust the value.

page 22

Sounding the Metronome

You can sound a metronome while you perform. You can also change the tempo and time signature of the metronome.

- * If a song is playing, the metronome sounds at the tempo and time signature of that song.

MEMO

Use the [◀] [▶] buttons to select the item that you want to set. Use the [-] [+] buttons to change the value of an item.

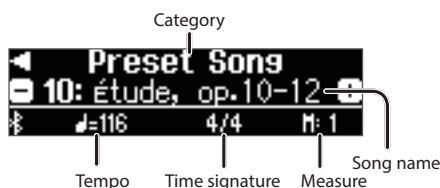


Sounding the Metronome	Turn the [Metronome] button on.
Change the tempo	Press the Tempo [Slow] [Fast] buttons. 10–500
Beat	Changes the time signature of the metronome. MEMO You can also change the time signature by holding down the [Metronome] button and use the Tempo [Slow] [Fast] buttons. 2/2, 3/2, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 8/8, 9/8, 12/8 (default value: 4/4)
Metronome Down Beat	Sounds a down beat. Off, On (default value: On)
Metronome Pattern	Changes the pattern of the metronome. Off, Eighth note, Eighth-note triplet, Shuffle, Sixteenth note, Quarter-note triplet, Quarter note, Dotted eighth (default value: Off)
Metronome Volume	Changes the volume of the metronome. Off, 1–10 (default value: 5)
Metronome Tone	Changes the tone of the metronome. Click, Electronic, Voice (Japanese), Voice (English) (default value: Click)

Selecting a Song

Select a song to play back.

1. Press the [SONG] button to access the Song screen.



2. Press the [◀] [▶] buttons to select a category.
3. Press [-] [+] buttons to select a song.
4. Press the [▶/■] button to play the song.

MEMO

To select a song from a folder on a USB flash drive, proceed as follows.

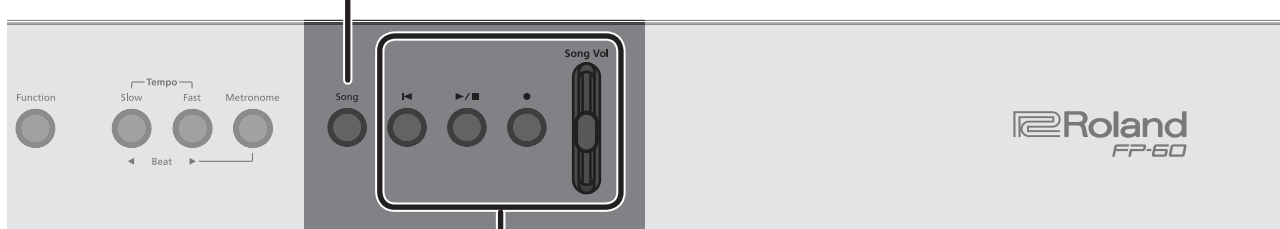
Enter the folder	Use the [-] [+] buttons to select the folder, and press the [▶/■] button.
Exit the folder	Use the [-] button to select " (up)" and then press the [▶/■] button.

Category list

Category	Explanation																						
USB Memory	Songs saved on a USB flash drive																						
Internal Memory	Songs saved in internal memory																						
	<table border="1"> <thead> <tr> <th>Song Title</th> <th>Composer</th> </tr> </thead> <tbody> <tr> <td>Singing Winds</td> <td>(Original)</td> </tr> <tr> <td>Melancolie</td> <td>(Original)</td> </tr> <tr> <td>City Lights</td> <td>(Original)</td> </tr> <tr> <td>The Nutcracker "Waltz of the Flowers" (Jazz Arrangement) *</td> <td>Peter Ilyich Tchaikovsky Original Arrangement</td> </tr> <tr> <td>Floral Pursuits *</td> <td>Léo Delibes Original Arrangement</td> </tr> <tr> <td>Swan-derful Samba *</td> <td>Peter Ilyich Tchaikovsky Original Arrangement</td> </tr> <tr> <td>Windy Afternoon</td> <td>(Original)</td> </tr> <tr> <td>The Marriage of Figaro "Overture"</td> <td>Wolfgang Amadeus Mozart</td> </tr> <tr> <td>Widmung S.566 R.253</td> <td>Robert Alexander Schumann Arranged by Franz Liszt</td> </tr> <tr> <td>Étude, op.10-12</td> <td>Fryderyk Franciszek Chopin</td> </tr> </tbody> </table>	Song Title	Composer	Singing Winds	(Original)	Melancolie	(Original)	City Lights	(Original)	The Nutcracker "Waltz of the Flowers" (Jazz Arrangement) *	Peter Ilyich Tchaikovsky Original Arrangement	Floral Pursuits *	Léo Delibes Original Arrangement	Swan-derful Samba *	Peter Ilyich Tchaikovsky Original Arrangement	Windy Afternoon	(Original)	The Marriage of Figaro "Overture"	Wolfgang Amadeus Mozart	Widmung S.566 R.253	Robert Alexander Schumann Arranged by Franz Liszt	Étude, op.10-12	Fryderyk Franciszek Chopin
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Preset Song

- * All rights reserved. Unauthorized use of this material for purposes other than private, personal enjoyment is a violation of applicable laws.
- * If SMF play mode (p. 23) is set to "Auto-Select" or "Internal," there are some parts whose volume is not changed by the [Song Vol] slider. If the SMF Play Mode is set to "External," the volume of all parts will change.
- * Songs marked by an asterisk (*) are arranged by Roland Corporation. The copyrights to these songs are owned by the Roland Corporation.



Playing Back or Recording

Here's how to play back or record a song.

Return to the beginning of the song	Press the [◀] button.
Play / stop	Press the [▶/■] button.
Enter record-standby mode	While stopped, press the [●] button.
Record	In record-standby mode, press the [▶/■] button.
Play all songs in the selected category (All Song Play)	Hold down the [Song] button and press the [▶/■] button.
Change the song tempo	Press the Tempo [Slow] [Fast] buttons.
Play back the song at a constant tempo (Tempo Mute)	Hold down the [▶/■] button and press the Tempo [Slow] or [Fast] button. To clear the tempo mute function, hold down the [▶/■] button once again and press the Tempo [Slow] or [Fast] button.
Sound a count-in (*1)	Hold down the [Metronome] button and press the [▶/■] button.

*1 A series of sounds rhythmically played to indicate the tempo before a song starts is called a "count-in." If you sound a count-in, it will be easier for you to synchronize your own performance to the tempo of the playback.

To make a recording

1. Select the tone that you want to play.
2. Press the [●] button.
3. Press the [▶/■] button to start recording.
4. Press the [▶/■] button to stop recording.

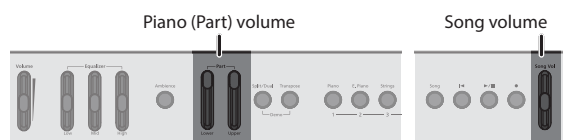
Adjusting the Volume of the Song (Song Vol)

1. Use the [Song Vol] slider to adjust the volume of the song.

- * Some of the tones used in the tone demos are set so that they are adjusted by the Part [Upper] [Lower] sliders. If you want to use the [Song Vol] slider to adjust all of the parts, change the "SMF Play Mode" (p. 23) setting to "External."

MEMO

By using [Part] slider, you can adjust the volume balance as with an audio mixer.



Song formats that can be played by the unit

The piano can play back data in the following formats.

- MIDI files: SMF format 0/1
- Audio files: WAV format, 44.1 kHz, 16-bit linear
- Audio files: MP3 format, 44.1 kHz, 64 kbps–320 kbps

Advanced Operation

Recording Your Performance

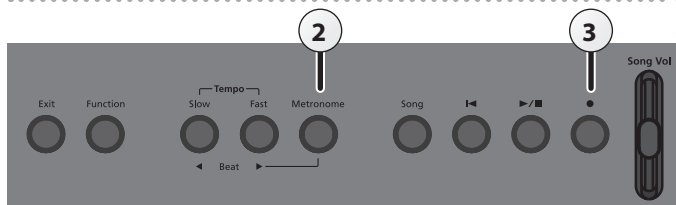
This piano lets you play back a recorded song so that you can check your own performance or practice along with a recorded song.

Recording

Recording a New Song

SMF recording

Getting ready to record



1. Select the tone that you want to play (p. 6).
2. You can sound the metronome if you like (p. 8).

You can specify the tempo and time signature of the metronome.

MEMO

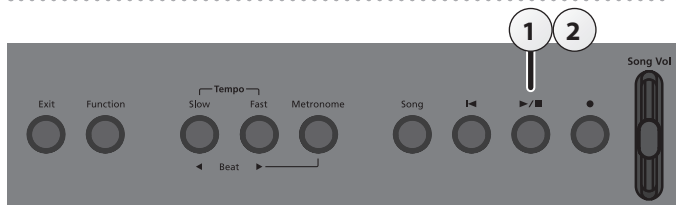
The metronome tempo and time signature are stored in the song, so that the song can play back with the same tempo and time signature.

3. Press the [●] button.

The [●] button lights, the [▶/■] button blinks, and the piano enters record-standby mode.

If you decide to cancel recording, press the [●] button once again.

Starting your recording and saving it



1. Press the [▶/■] button.

After a two-measure count is sounded (the measure number in the lower right of the display indicates “-2” and then “-1”), recording starts.

When the count begins, the [●] button and [▶/■] button are lit.

MEMO

If you play the keyboard without pressing the [▶/■] button, recording starts immediately. In this case, a count is not sounded.

2. Press the [●] button.

Recording stops, and your performance is automatically saved.

MEMO

- You can delete the song (p. 11).
- You can change the name of the song (p. 12).

NOTE

Never turn off the power while “Saving...” is shown in the display.

Listening to the recorded performance

After you record, the newly recorded song is selected.

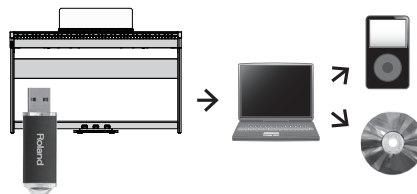
1. Press the [▶/■] button.

Playback starts from the beginning of your recorded performance.

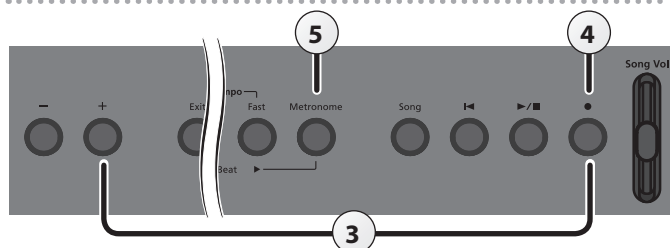
Recording Audio to USB Flash Drive

Audio recording

If you want to record your piano performance and listen to it on your computer or audio player, or to create a CD, you can record it as audio to a USB flash drive.



Getting ready to record



1. Connect your USB flash drive to the USB Memory port (p. 5).

* Audio data can't be saved in the piano's internal memory.

2. Select the tone that you want to play (p. 6).

3. Hold down the [●] button and press the [+] button to select “Audio.”

MEMO

You can also specify this via the Function mode “Recording Mode” setting (p. 23).

4. Press the [●] button.

The [●] button lights, the [▶/■] button blinks, and the piano enters record-standby mode.

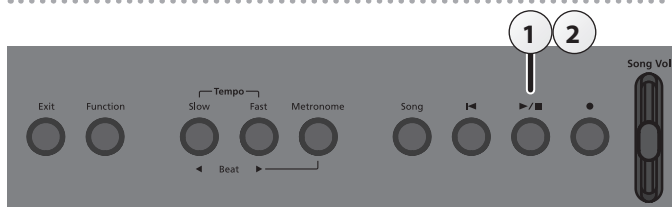
If you decide to cancel recording, press the [●] button once again.

NOTE

Never turn off the power or disconnect the USB flash drive during recording.

5. You can sound the metronome if you like (p. 8).

Starting your recording and saving it



1. Press the [▶/■] button.

Recording starts.

When recording starts, the [●] button and [▶/■] button light.

2. Press the [●] button.

Recording stops.

MEMO

- You can delete the song (p. 11).
- You can change the name of the song (p. 12).

Listening to the recorded performance

After you record, the newly recorded song is selected.

1. Press the [▶/■] button.

Playback starts from the beginning of your recorded performance.

Deleting a Saved Song (Delete Song)

Here's how to delete a song that you saved on an internal memory or USB flash drive.

MEMO

If you want to delete all songs that have been saved to internal memory or USB flash drive, initialize the memory (p. 16).

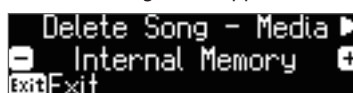
* If you want to delete a song on the USB flash drive, connect your USB flash drive to the USB Memory port before you continue.

1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Delete Song."



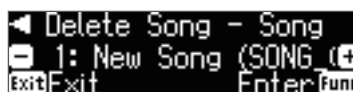
2. Press the [Function] (Enter) button.

The Delete Song screen appears.



3. Use the [-] [+] buttons to select the memory location that contains the song you want to delete.

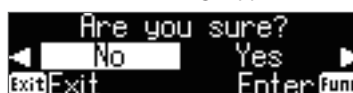
4. Press the cursor [▶] (right) button.



5. Use the [-] [+] buttons to select the song that you want to delete.

6. Press the [Function] (Enter) button.

A confirmation message appears.



If you decide to cancel, press the [Exit] button.

7. Use the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.

The deletion is executed.

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

8. Press the [Exit] button several times to exit Function mode.

Converting an SMF-recorded song to audio

A song that you previously recorded as SMF can be converted to audio data so that you can play it back on your computer or use it to create a CD.

1. Select the song that you want to convert to audio (p. 9).

2. Prepare for audio recording ("Getting ready to record" (p. 10)).

1. Connect your USB flash drive.
2. Hold down the [●] button and use the [+] button to select "Audio."
3. Press the [●] button.

3. Press the cursor [▶] (right) button to select the song of step 1.

4. Press the [▶/■] button to start audio recording ("Starting your recording and saving it" (p. 10)).

* During recording, any sounds that you produce by playing the keyboard or that are input to the unit via the USB port, the Input Stereo jack, or Bluetooth audio are included in the audio that is recorded during this conversion.

* Depending on the SMF, it might not be possible to convert it into the identical audio as when the song was recorded.

Renaming a Song (Rename Song)

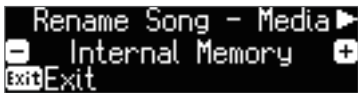
Here's how to rename a previously-saved song.

1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Rename Song."



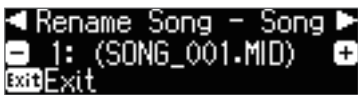
2. Press the [Function] (Enter) button.

The Rename Song screen appears.



3. Use the [-] [+] buttons to select the media that contains the song that you want to rename.

4. Press the cursor [▶] (right) button.



5. Use the [-] [+] buttons to select the song that you want to rename, and then press the cursor [▶] (right) button.

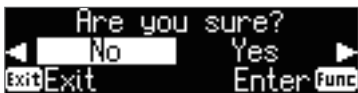
6. Rename the song.

Button	Operation
[◀] [▶] buttons	Select the character to change.
[-] [+] buttons	Change the character.

If you decide to cancel, press the [Exit] button.

7. Press the [Function] (Enter) button.

A confirmation message appears.



If you decide to cancel, press the [Exit] button.

8. Use the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.

The song is renamed.

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

9. Press the [Exit] button several times to exit Function mode.

Copying a Saved Song (Copy Song)

Songs that have been saved in internal memory can be copied to USB flash drive. Alternatively, songs stored on a USB flash drive can be copied to internal memory.

* Audio files cannot be copied.

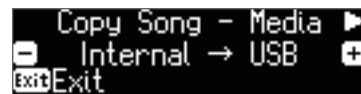
* If a USB flash drive is not connected, you won't be able to perform this operation.

1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Copy Song."



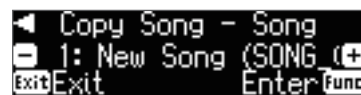
2. Press the [Function] (Enter) button.

The Copy Song screen appears.



3. Use the [-] [+] buttons to select the copy-source and copy-destination memory locations.

4. Press the cursor [▶] (right) button.



5. Use the [-] [+] buttons to select the song that you want to copy.

If you decide to cancel, press the [Exit] button.

6. Press the [Function] (Enter) button.

The copy is executed.

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

MEMO

If a song with the same file name has already been saved, the confirmation message "Overwrite?" appears. To overwrite the song, use the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.

7. Press the [Exit] button several times to exit Function mode.

Personalizing Your Piano Sound (Piano Designer)

What is Piano Designer?

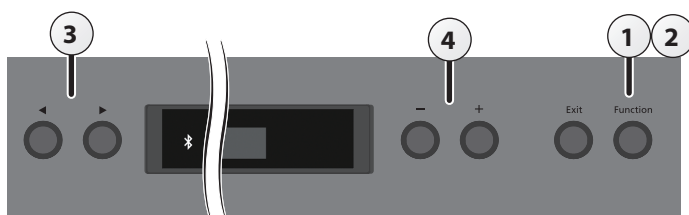
This unit allows you to personalize your piano sound by adjusting various factors that affect the sound, such as the piano's strings and the resonance produced using the pedals.

This function is called "Piano Designer."



MEMO

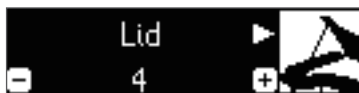
- Piano Designer can be used to customize the sound only for tones of the [Piano] button (1-4).
- Your settings are saved for each tone of the [Piano] button.



1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Piano Designer."



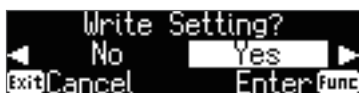
2. Press the [Function] (Enter) button.
The Piano Designer screen appears.



3. Use the [◀] [▶] buttons to select the item that you want to edit.
4. Use the [-] [+] buttons to adjust the value.

5. When you're finished using Piano Designer, press the [Exit] button.

A confirmation message appears.



If you decide to cancel, press the [Exit] (Cancel) button.

6. Use the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.

The Piano Designer settings are saved.

If you decide to exit without saving the settings, use the [◀] (left) button to select "No" and then press the [▶/■] (Enter) button.

MEMO

If you install the dedicated app on your iPad or other mobile device, you can use the screen of your mobile device to edit the "Piano Designer" settings in a more visual and intuitive way.

(Refer to "Using the Piano with an App" (p. 19).)

Items that you can edit in Piano Designer

Parameter	Value	Explanation
Lid	0-6	Adjusts the extent to which the lid of the grand piano is open. The sound becomes more mellow as you close the lid of the piano in the screen. The sound becomes brighter as you open the lid of the piano in the screen.
String Resonance	Off, 1-10	This adjusts the string resonance of the acoustic piano sound (the sympathetic vibrations of strings for previously played notes that occur when you play another note). Higher settings will make the sympathetic vibration louder.
Damper Resonance	Off, 1-10	Adjusts the overall resonance of the acoustic piano when its damper pedal is pressed (the sound of other strings vibrating in sympathy when you press the damper pedal, and the resonance of the entire instrument). Higher settings make the sympathetic vibration louder.
Key Off Resonance	Off, 1-10	Adjusts sympathetic vibrations such as an acoustic piano's key-off sound (the subtle sound that occurs when you release a note). Higher settings produce greater tonal change during the decay.
Single Note Tuning (*1)	-50-0+50	Specifies a method of tuning (stretch tuning) that is distinctive to the piano, in which the high register is tuned slightly sharper and the low register is tuned slightly flatter.
Single Note Volume (*1)	-50-0	Adjusts the volume of each key. Lower settings decrease the volume.
Single Note Character (*1)	-5-0+5	Adjusts the tonal character of each key. Higher settings produce a harder sound, and lower settings produce a softer tone.
Reset Setting		Here's how the Piano Designer settings of the selected sound can be returned to their factory-set state. <ol style="list-style-type: none"> 1. Press the [▶/■] (Enter) button. If you decide to cancel, press the [◀] (Exit) button. 2. Use the cursor [▶] (right) button to select "Yes," and then press the [▶/■] (Enter) button. The settings return to their factory-set state.

(*1) Single Note settings

1. Select a Single Note parameter, and press the [▶/■] (Enter) button.
2. Play the key that you want to edit, and use the [-] [+] buttons to adjust the settings for that key.

MEMO

You can use the [◀] [▶] buttons to move to a different Single Note parameter.

3. Press the [◀] (Exit) button to return to the previous screen.

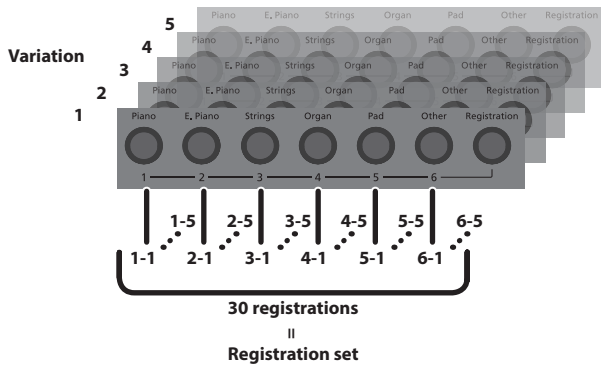
Saving Performance Settings (Registration)

What Is a Registration?

Tone settings and performance settings such as Dual Play or Split Play can be saved as a "registration" and recalled whenever you like.

The FP-60 has six registration buttons ([1]–[6]), and you can save five different registrations under each button. This means that you can save as many as 30 registrations.

An entire group of 30 registrations is called a "Registration Set."

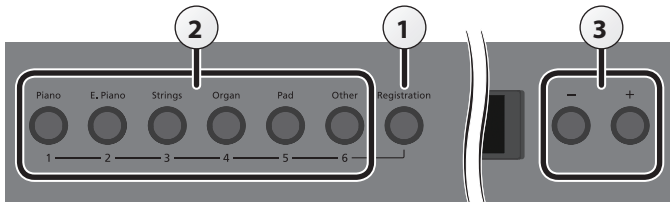


MEMO

- For more about the settings saved in a registration, refer to "Settings Saved in Registrations" (p. 27).
- You can save registration sets to a USB flash drive (sold separately; p. 15).

Recalling a Registration

Here's how to recall settings that you've saved in a registration.

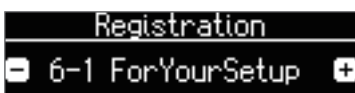


1. Press the [Registration] button.

The first time you press the [Registration] button after turning on the power, a screen like the following will appear.



2. Press a number button ([1] to [6]) to choose the location where the desired registration is saved.



3. Press the [-] [+] buttons to select the registration variation.

The settings change accordingly.

MEMO

- You can also use a pedal to recall registrations (p. 24).
- You can reload registration sets that you've saved to a USB flash drive (p. 15).

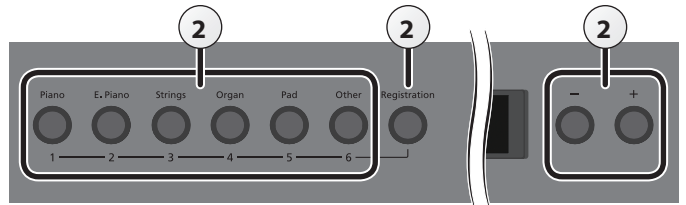
4. Press the [Exit] button.

Saving Current Settings into a Registration

Here's how to save the performance settings to a registration.

NOTE

When you save a registration into a location, it will overwrite any registration already stored at that location.



1. Make the desired performance settings.

2. Hold down the [Registration] button and press one of the [1]–[6] buttons, then press the [-] [+] buttons to which you want to assign the settings.

When you release the [Registration] button, you will see a screen like the one shown below.



3. Rename the registration.

Button	Operation
[◀] [▶] buttons	Select the character to change.
[-] [+] buttons	Change the character.

If you decide to cancel, press the [Exit] (Cancel) button.

4. Press the [Function] (Store) button.

The performance settings are saved.

The [Registration] button stops blinking and lights up solid.

NOTE

Do NOT turn off the power while "Executing..." is displayed.

5. Press the [Exit] button.

MEMO

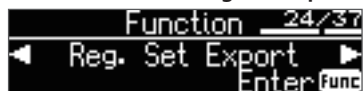
You can reset all registrations to their factory defaults. For details, refer to "Restoring the Factory Settings (Factory Reset)" (p. 16).

Saving a Registration Set (Registration Set Export)

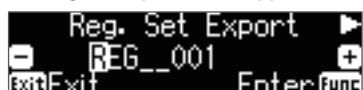
Here's how the registration set that's saved in the FP-60 can be saved to a USB flash drive.

* If you're saving to a USB flash drive, connect your USB flash drive to the USB MEMORY port before proceeding.

1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Reg. Set Export."



2. Press the [Function] (Enter) button.
The Reg. Set Export screen appears.



3. Renaming the registration set.

Button	Operation
[◀] [▶] buttons	Select the character to change.
[-] [+] buttons	Change the character.

If you decide to cancel, press the [Exit] button.

4. Press the [Function] (Enter) button.
The registration set is saved.

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

5. Press the [Exit] button several times to exit Function mode.

Loading a Saved Registration Set (Registration Set Import)

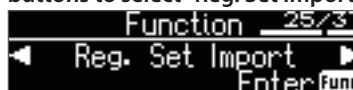
Here's how a registration set saved on a USB flash drive can be loaded into the registrations of the FP-60.

* If you want to load a registration set from a USB flash drive, connect your USB flash drive to the USB MEMORY port before proceeding.

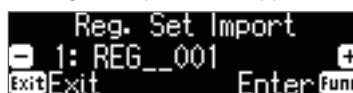
NOTE

Note that when you load a registration set, it will overwrite (and erase) all of the registrations already in registration memory. If you wish to retain your existing registrations, save them to a USB flash drive.

1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Reg. Set Import."

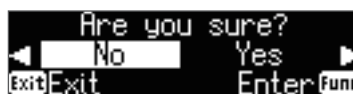


2. Press the [Function] (Enter) button.
The Reg. Set Import screen appears.



3. Use the [-] [+] buttons to select the registration set you want to load.

4. Press the [Function] (Enter) button.
A confirmation message appears.



If you decide to cancel, press the [Exit] button.

5. Use the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.
The registration set will be loaded.

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

6. Press the [Exit] button several times to exit Function mode.

Convenient Functions

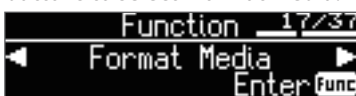
Reformatting Memory (Format Media)

You can completely erase all data that were saved in internal memory or on a USB flash drive.

NOTE

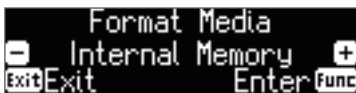
- All data saved in internal memory or on the USB flash drive will be erased when you initialize the media.
- If you want settings other than the internal memory and USB flash drive data to be returned to their factory-set state, execute a Factory Reset (p. 16).

1. If you want to initialize a USB flash drive, connect the USB flash drive to the USB Memory port (p. 5).
2. Press the [Function] button, and then use the [◀] [▶] buttons to select "Format Media."



3. Press the [Function] (Enter) button.

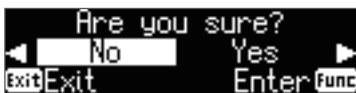
The Format Media screen appears.



If you decide to cancel, press the [Exit] button.

4. Use the [-] [+] buttons to select the media that you want to format.
5. Press the [Function] (Enter) button.

A confirmation message appears.



If you decide to cancel, press the [Exit] button.

6. Use the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.

The memory is formatted.

NOTE

Do NOT turn off the power or disconnect the USB flash drive while "Executing..." is displayed.

7. Press the [Exit] button several times to exit Function mode.

Restoring the Factory Settings (Factory Reset)

Here's how to restore all registrations and internally saved settings to the factory-set condition. This function is called "Factory Reset."

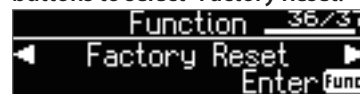
NOTE

A factory reset returns all of your saved settings to their factory values.

MEMO

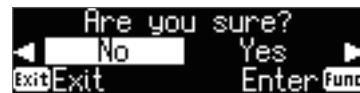
Executing this function does not erase the data in internal memory or on a USB flash drive (sold separately). If you want to erase all songs from internal memory or from a USB flash drive, refer to "Reformatting Memory (Format Media)" (p. 16).

1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Factory Reset."



2. Press the [Function] (Enter) button.

A confirmation message appears.



If you decide to cancel, press the [Exit] button.

3. Press the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.

The memory is reset to its factory values.

NOTE

Do NOT turn off the power while "Executing..." is displayed.

4. Turn the power off, then on again (p. 4).

Retaining Settings After Power-Off (Memory Backup)

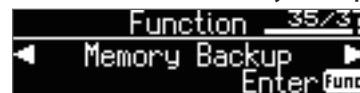
Temperament settings, equalizer settings, and other settings are reset to their default values when the FP-60 is turned on.

You can automatically restore the desired settings if you save them in internal memory.

MEMO

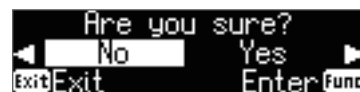
For a list of settings saved by Memory Backup, see "Saved Settings" (p. 27).

1. Press the [Function] button, and then use the [◀] [▶] buttons to select "Memory Backup."



2. Press the [Function] (Enter) button.

A confirmation message appears.



If you decide to cancel, press the [Exit] button.

3. Press the cursor [▶] (right) button to select "Yes," and then press the [Function] (Enter) button.

Memory Backup will be carried out.

NOTE

Do NOT turn off the power while "Executing..." is displayed.

4. Press the [Exit] button several times to exit Function mode.

Provision of **Bluetooth** functionality

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

If **Bluetooth** functionality is included

The **Bluetooth** logo appears when you turn on the power.



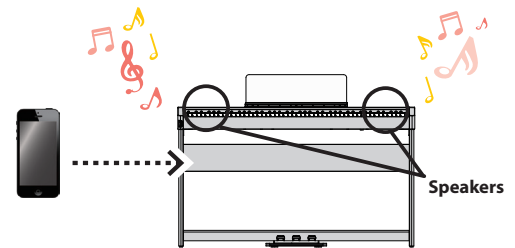
Here's What You Can Do

Bluetooth functionality wirelessly connects this piano to a mobile device such as your smartphone or tablet (subsequently referred to as the "mobile device"), allowing you to do the following.

Music played back by the mobile device can be heard through the piano's speakers.

You can play back music data that's saved on your iPhone or other mobile device, and wirelessly listen to it through the piano's speakers.

→ "Listening to Music Through the Piano's Speakers" (p. 18)



You can use apps to expand your piano enjoyment.

You can install apps (such as Roland's "Piano Partner 2" or "Piano Designer") on your mobile device, and use them in conjunction with the piano.

→ "Using Apps with the Piano" (p. 19)

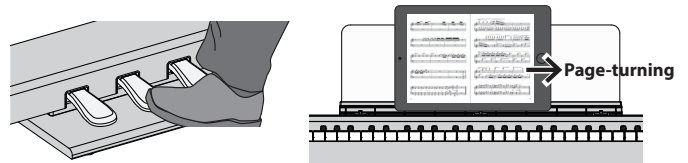


App "Piano Partner 2" note-guessing game

You can connect a music score viewing app, and use the pedals to turn pages.

You can view electronic scores (in a score viewing app such as "piaScore") on your iPad or other mobile device, and use the pedals to turn pages.

→ "Using the Pedals to Turn Pages in a Score Viewing App" (p. 20)



Pairing

In order to use **Bluetooth** functionality, you must first perform an action called "pairing," which connects the piano to the mobile device in a one-to-one relationship.

"Pairing" is the procedure of registering (mutually authenticating) your mobile device with the piano.

To perform pairing, use the procedure that's appropriate for each function.



Status of the connection between the piano and the mobile device

Depending on the functionality of the mobile device that's connected, the following icons are shown in the lower left of the screen.

Function	Displayed icon
Listening to music from the mobile device	(AUDIO)
Linking with an app	(MIDI)
Using the pedals to turn pages	(PAGE)
Page turning and linking with an app	(P+MIDI)

* If you have trouble making connections, refer to the "Troubles with **Bluetooth** functionality" (p. 21).

Listening to Music Through the Piano's Speakers

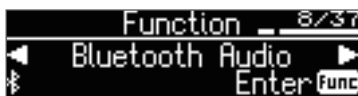
Here's how to make settings so that music data saved on your mobile device can be wirelessly played back through the piano's speakers.

* If your mobile device is already paired with the piano, there is no need to perform pairing again. Refer to "Connecting an Already-Paired Mobile Device" (p. 18).

Making Initial Settings (Pairing)

As an example, we explain how to make settings for an iPad. If you're using an Android device, refer to the owner's manual of the mobile device you're using.

1. Place the mobile device that you want to connect near the piano.
2. Press the [Function] button, and then use the [◀] [▶] buttons to select "Bluetooth Audio."



3. Press the [Function] (Enter) button.

The **Bluetooth** Audio screen appears.



4. Press the [Function] (Enter) button.

The display indicates "Now pairing..." and the piano waits for a response from the mobile device.

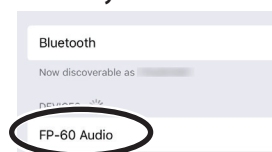


If you decide to cancel pairing, press the [◀] (Exit) button.

5. Turn on the **Bluetooth** function of the mobile device.



6. Tap "FP-60 Audio" that is shown in the **Bluetooth** device screen of your mobile device.



* If the mobile device's screen asks you to enter a "Pass Key," enter "0000" (four zeros).

When pairing is successful, "FP-60 Audio" is added to the list of "My Devices" on your mobile device.

The piano's display indicates "Completed," and "AUDIO" appears beside the **Bluetooth** logo.



7. Press the [Exit] button several times to exit Function mode. This completes initial settings.

MEMO

If pairing is not successful, temporarily cancel pairing on your mobile device, and then try the procedure again from step 5.

Connecting an Already-Paired Mobile Device

1. Turn on the **Bluetooth** function of the mobile device. The piano and the mobile device are wirelessly connected.

MEMO

If you were unable to establish a connection using the procedure above, tap "FP-60 Audio" that is displayed in the **Bluetooth** device screen of the mobile device.

Playing Back Audio

When you play back music data on the mobile device, the sound is heard from the piano's speakers.

Adjusting the volume of audio

Normally you'll adjust the volume on your mobile device. If this does not provide the volume adjustment you want, you can adjust the volume as follows.

1. Proceed with steps 2–3 of "Making Initial Settings (Pairing)" (p. 18).
2. Use the [◀] [▶] buttons to select "Input/Bluetooth Vol.," and use the [-] [+] buttons to adjust the volume.



If you have more than one piano

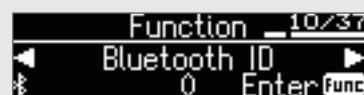
For example, if you want to pair your mobile device with multiple pianos located in a music school, you can specify an ID for each piano to pair your mobile device with the desired pianos.

To pair your device with multiple pianos

Specify the **Bluetooth** ID on each piano.

When you make this setting, an ID number is added to the end of the device name shown on the mobile device (e.g., FP-60 Audio1).

1. Press the [Function] button, and use the [◀] [▶] buttons to select "Bluetooth ID."



2. Press the [▶/■] (Enter) button.

3. Use the [-] [+] buttons to edit the value of the setting.



Value	Explanation
0-99	Set to "0": "FP-60 Audio"/"FP-60" (default value) Set to "1": "FP-60 Audio1"/"FP-60_1"

* If you are pairing in an environment where there are multiple pianos, we recommend that you turn on the power of the mobile device and only those pianos that you want to pair (turn off the power of other devices).

Using the Piano with an App

Here's how to make settings so that you can use the piano with an app that's installed on your mobile device.

Example Apps That Can Be Used with the Piano

App name	Supported OS	Explanation
 Piano Partner 2	iOS Android	You can view musical scores of the internal songs, automatically add an accompaniment by detecting chords when you play the keyboard, or play note-guessing games to train your ear.
 Piano Designer	iOS Android	You can use the "Piano Designer" function (p. 13) in a more visual and intuitive way to adjust various aspects of the piano's sound, such as the piano's strings and pedal resonance.

- * Apps can be downloaded from the App Store or Google Play (free of charge).
- * The information provided here about apps made by Roland was current when this manual was published. For the latest information, refer to the Roland website.

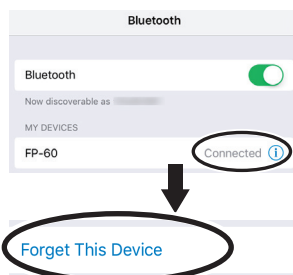
Making Settings (Pairing)

As an example, we explain how to make settings for an iPad. If you're using an Android device, refer to the owner's manual of the mobile device you're using.

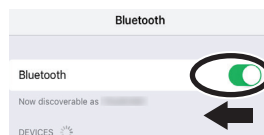
- * In order to use an app with the piano, you'll have to make pairing settings each time.

1. If the FP-60 is already paired in the Bluetooth settings of the mobile device, temporarily cancel pairing.

If the device name "FP-60" is not shown, the piano is not paired. Proceed to the next step.

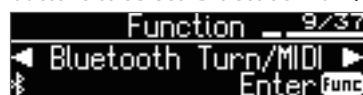


2. Temporarily turn off the Bluetooth function of your mobile device.



3. Near the piano, place the mobile device on which you've installed the app that you want to use.

4. Press the [Function] button, and then use the [◀] [▶] buttons to select "Bluetooth Turn/MIDI."

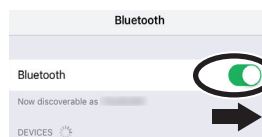


5. Press the [Function] (Enter) button.

6. Press the [-] [+] buttons to select "MIDI."



7. Turn on the Bluetooth function of the mobile device.



NOTE

At this point, only turn on the Bluetooth function; don't tap the device name "FP-60" even if it is displayed. If you tapped this to execute pairing, repeat the procedure from step 1.

8. In the settings of the app (e.g., "Piano Partner 2") that's installed on the mobile device, pair the device with the piano.

When pairing is completed, the indication "MIDI" appears beside the Bluetooth logo in the piano's screen. Settings are now complete.



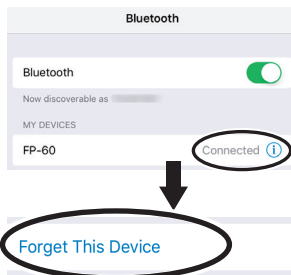
Using the Pedals to Turn Pages on a Music Score App

Here's how to use the piano's pedals to turn the pages of a music score shown on your mobile device (e.g., in a music score viewing app such as "piaScore").

Making Initial Settings (Pairing)

As an example, we explain how to make settings for an iPad. If you're using an Android device, refer to the owner's manual of the mobile device you're using.

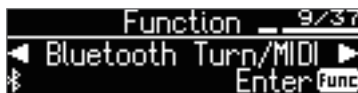
1. If the FP-60 is already paired in the Bluetooth settings of the mobile device, temporarily cancel pairing. If the device name "FP-60" is not shown, the piano is not paired. Proceed to the next step.



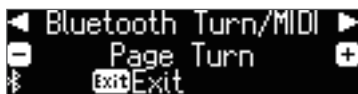
2. Temporarily turn off the Bluetooth function of your mobile device.



3. Near the piano, place the mobile device on which you've installed the music score app that you want to use.
4. Press the [Function] button, and then use the [◀] [▶] buttons to select "Bluetooth Turn/MIDI."



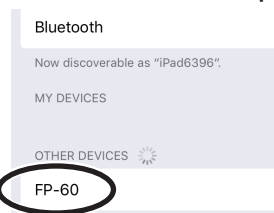
5. Press the [Function] (Enter) button.
6. Use the [-] [+] buttons to select "Page Turn."



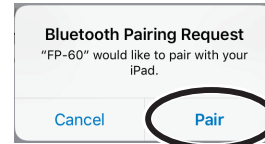
7. Turn on the Bluetooth function of the mobile device.



8. On the mobile device, tap "FP-60."



On the mobile device, tap "Pair."



- * If the screen of the mobile device requests you to enter a "Pass Key," enter "0000" (four zeros).

When pairing is successful, the model name ("FP-60") is added to the list "My Devices" of the mobile device. The indication "PAGE" appears beside the Bluetooth logo in the piano screen.



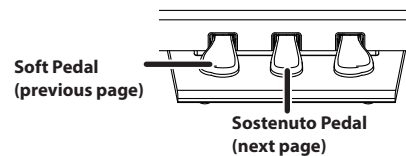
9. Press the [Exit] button several times to exit Function mode. This completes initial settings.

Connecting an Already-Paired Mobile Device

1. Turn on the Bluetooth function of the mobile device. The piano and the mobile device are wirelessly connected.

Turning Pages

1. Start the music score viewing app that's installed on the mobile device, and load a music score.
2. The sostenuto pedal turns to the next page, and the soft pedal turns to the previous page.



- * Even if the function of the pedals is assigned in "Center/Left Pedal Function" (p. 23), "page turning" takes priority.

If you want to use both page turning and soft / sostenuto pedals

If you want to use the page turning function but also want to use the soft pedal and sostenuto pedal, you can change the setting as follows.

1. Perform steps 2 and 3 of "Making Initial Settings (Pairing)" (p. 20).
2. Use the [◀] [▶] buttons to select "Page Turn Mode," and then use the [-] [+] buttons to select the setting.

Value	Explanation
Once	The page turns when you press the pedal once.
Twice	The page turns when you press the pedal twice in quick succession. If you press the pedal once, it performs the usual pedal function.

3. Press the [Exit] button several times to exit Function mode.

Troubles with Bluetooth functionality

Problem	Items to check/Action	Page								
Piano name (FP-60) does not appear in the Bluetooth device list of the mobile device	Could the Bluetooth function be turned "Off"?	Turn the Bluetooth function "On." Bluetooth Audio function: Function mode → " Bluetooth Audio " → turn " Bluetooth Audio " On Bluetooth Turn/MIDI function: Function mode → " Bluetooth Turn/MIDI " → turn " Bluetooth Turn & MIDI (*1) " On (*1) Depending on the Function mode " Bluetooth Turn/MIDI " setting, the screen might indicate " Bluetooth Page Turn " or " Bluetooth MIDI ."	p. 18 p. 19 p. 20							
	If Bluetooth Audio function is "On"	A device named "FP-60 Audio" appears.	-							
	If the Bluetooth Page Turn function is "On" and the Bluetooth Turn/MIDI function is "Page Turn" or "Page Turn&MIDI"	A device named "FP-60" appears.								
Can't connect to Bluetooth Audio (Can't make settings to hear music through the piano's speakers)	If the piano (FP-60_Audio) is shown as a device in the Bluetooth settings of the mobile device	Delete the device's registration from the mobile device, turn the mobile device's Bluetooth function "Off" → "On," and then perform pairing again.	p. 18							
	If the piano (FP-60_Audio) is not shown as a device	Turn the mobile device's Bluetooth function "Off" and then "On" again, and initiate pairing from this unit to re-establish pairing.								
	Does this unit support Bluetooth Audio function?									
Can't connect to Bluetooth Page turning (Can't make settings to turn pages using the pedals)	In some cases, the connection with the mobile device might become unavailable when you switch the Bluetooth Turn/MIDI function.		-							
	If this unit is not visible as a device in the mobile device's Bluetooth settings	After unpairing the "FP-60" that is registered on the mobile device, turn the mobile device's Bluetooth function "Off" and then "On" again, and reconnect it.	p. 20							
Can't connect to Bluetooth MIDI (Can't make settings to use the piano with an app)	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.	-							
	In some cases, the connection with the mobile device might become unavailable when you switch the Bluetooth Turn/MIDI function. After unpairing the "FP-60" 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 with the mobile device's app	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 establish pairing with the page turning function and MIDI function	The page turning function and MIDI function are paired when you first select a device on the mobile device and establish a connection. There is no need to initiate pairing from this unit.		-							
Can't use the page turning function and MIDI function simultaneously	Set the Bluetooth Turn/MIDI function to "Page Turn&MIDI."									
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 app 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 [Exit] button and press the [Function] button. To hide the mobile device's keyboard, hold down the [Exit] button and press the [Function] button.									
Page does not turn when you press the pedal	Depending on the music score display app that you're using, pages might be turned by the up/down arrow keys of the text-entry keyboard, or by its Page Up and Page Down keys.		-							
	If the page does not turn when you press the soft pedal or sostenuto pedal, try changing the page-turning operation keys.									
	1. Proceed with steps 4–5 of "Using the Pedals to Turn Pages on a Music Score App" (p. 20).									
	2. Use the [◀] [▶] buttons to select "Page Turn Assign," and use the [-] [+] buttons to select the function.									
	<table border="1"> <thead> <tr> <th>Setting</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>Cursor Up/Down</td> <td>The [↑] [↓] keys of the keyboard are used by the page turning app.</td> </tr> <tr> <td>Page Up/Down</td> <td>The [Page Up] [Page Down] keys of the keyboard are used by the page turning app.</td> </tr> <tr> <td>Cursor Left/Right</td> <td>The [←] [→] keys of the keyboard are used by the page turning app.</td> </tr> </tbody> </table>	Setting	Explanation	Cursor Up/Down	The [↑] [↓] keys of the keyboard are used by the page turning app.	Page Up/Down	The [Page Up] [Page Down] keys of the keyboard are used by the page turning app.	Cursor Left/Right	The [←] [→] keys of the keyboard are used by the page turning app.	
Setting	Explanation									
Cursor Up/Down	The [↑] [↓] keys of the keyboard are used by the page turning app.									
Page Up/Down	The [Page Up] [Page Down] keys of the keyboard are used by the page turning app.									
Cursor Left/Right	The [←] [→] keys of the keyboard are used by the page turning app.									
	3. Press the [Exit] button several times to exit Function mode.									

MEMO

If checking these points does not solve the problem, please refer to the Roland support website.
<http://www.roland.com/support/>

Various Settings (Function Mode)

How to Use Function Mode

1. Press the [Function] button, and then use the [◀] [▶] buttons to select the setting you want to change.

* Depending on the item you select, an additional screen may be displayed.

2. Press the [-] [+] buttons to adjust the value.

3. Press the [Exit] button several times to exit the Function mode.

* The FP-60 settings return to their factory defaults when you turn off the power. But if you backup the current settings into internal memory, they will be restored the next time the power comes on. Refer to "Retaining Settings After Power-Off (Memory Backup)" (p. 16).

Indication [◀] [▶] buttons	Parameter [-] [+] buttons	Explanation
Key Touch	Adjusting the Keyboard Response (Key Touch)	
	The way in which the keyboard responds to your playing strength can be adjusted to your personal taste.	
	Fix, 1–100	Higher values will make the keyboard feel heavier. If you've specified "Fix," notes will sound at the same volume regardless of how strongly you play the keyboard.
Master Tuning	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 reference pitch generally refers to the pitch of the note that's played when you finger the middle A (A4) 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.	
	415.3 Hz–440.0 Hz–466.2 Hz	
Temperament	Changing the Tuning Method (Temperament)	
	You can play classical styles such as Baroque using historic temperaments (tuning methods). Most modern songs are composed and played with the assumption that equal temperament (the most common tuning in use today) will be used, but when classical music was composed, there were a wide variety of other tuning systems in existence. Playing a composition with its original tuning lets you enjoy the sonorities of the chords that the composer originally intended.	
	Equal	This temperament divides the octave into twelve equal steps. It is the temperament that is most commonly used on today's pianos. Every interval has the same slight amount of dissonance.
	Just Major	In these temperaments, the primary triads are perfectly consonant. It is unsuited to playing melodies and cannot be transposed, but is capable of beautiful sonorities.
	Just Minor	The Just tunings differ from major and minor keys.
	Pythagorean	This tuning, devised by the philosopher Pythagoras, eliminates dissonance in fourths and fifths. Although third chord is slightly dissonant, this tuning is suitable for songs that have a simple melody.
	Kirnberger I	As in the Just temperaments, the primary triads are consonant in this tuning. Beautiful sonorities are obtained when playing songs that are written in keys appropriate for this tuning.
	Kirnberger II	This is a revision of Kirnberger I that reduces the limitations on the usable keys.
	Kirnberger III	This is an improvement of the Meantone and Just tunings that provides a high degree of freedom of modulation. Performances are possible in all keys. Since the resonance differs depending on the key, chords played in this temperament resonate in diverse ways when compared to equal temperament.
	Meantone	This temperament slightly narrows the fifth relative to Just temperaments. While the Just temperaments contains two types of whole tone (major whole tone and minor whole tone), meantone temperament uses only one type of whole tone (mean whole tone). Transposition within a limited range of keys is possible.
Werckmeister	This temperament consists of eight perfect fifths and four narrowed fifths. Performance in all keys is possible. Since different keys produce different sonorities, chords will resonate in diverse ways when compared to equal temperament (Werckmeister I (III)).	
Arabic	This tuning is suitable for the music of Arabia.	
Temperament Key	Specifying a Song's Tonic (Temperament Key)	
	When playing with tuning other than equal temperament, you need to specify the temperament key for tuning the song to be performed. If you choose an equal temperament, there's no need to select a temperament key. C–B	
Piano Designer	Lets you personalize your piano sound by adjusting various elements that affect the sound: the piano's physical strings, the resonances produced by the pedals, the sound of hammers striking the strings, and more. Refer to "Personalizing Your Piano Sound (Piano Designer)" (p. 13).	
Hammer Response	Off, 1–10	Adjusts the time from when you play the key until the piano sound is heard. Higher values produce a greater delay.
Equalizer	Editing the Equalizer Settings (Equalizer)	
	You can use the equalizer to modify the tone color by boosting or reducing just the low-frequency or high-frequency range of the sound. To edit the equalizer settings, use the [◀] [▶] buttons to select "Equalizer," and then press the [Function] (Enter) button.	
	EQ Low Freq	20–400 (Hz) Frequency point in the low-frequency range. This changes the level at and under the specified bandwidth.
	EQ Mid Freq	200–8000 (Hz) Frequency point in the mid-frequency range. This changes the level of the specified bandwidth centered on this frequency.
	EQ Mid Q	0.5, 1.0, 2.0, 4.0, 8.0 Changes the bandwidth of the mid-frequency range. The bandwidth affected narrows as the value increases.
EQ High Freq	2000–16000 (Hz) Frequency point in the high-frequency range. This changes the level at and over the specified bandwidth.	
Bluetooth Audio	Refer to "Listening to Music Through the Piano's Speakers" (p. 18).	

Indication [◀] [▶] buttons	Parameter [-] [+] buttons	Explanation																				
Bluetooth Turn/MIDI		Refer to "Using the Piano with an App" (p. 19).																				
Bluetooth ID		Refer to "If you have more than one piano" (p. 18).																				
Input/Bluetooth Vol.		<h3>Adjusting the Volume of an Audio Playback Device or Bluetooth Audio (Input/Bluetooth Vol.)</h3> <p>You can adjust the volume of the audio playback when an audio playback device is connected to the Input Stereo jack or via Bluetooth.</p> <p>0–10</p>																				
SMF Play Mode		<h3>Specifying the Song (SMF) Playback Mode (SMF Play Mode)</h3> <p>When playing back a song (SMF), select the appropriate setting depending on whether you're playing an internal song or external data. Normally you will use the "Auto Select" setting. This determines whether the setting that is most suitable for the internal song or most suitable for external data is selected when you play back a song whose file format is SMF.</p> <p>MEMO</p> <p>You can also switch the SMF Play Mode by holding down the [▶/■] button and using the [-] [+] button. Some of the Piano Designer effects are not reproduced if the SMF Play Mode is set to "External."</p> <table border="1"> <tr> <td>Auto-Select</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>Internal</td> <td>When you play back an internal song, the tone used for keyboard performance automatically changes to the tone of the internal song. This is recommended when you play back an internal song or a song that you recorded on this piano.</td> </tr> <tr> <td>External</td> <td>Even when playing back external data, the tone used for keyboard performance can be specified independently of the tone used to play the external data. This is recommended when you play back external data such as commercially available music data.</td> </tr> </table>	Auto-Select	Automatically switches the SMF Play Mode to either "Internal" or "External" depending on the song that is being played.	Internal	When you play back an internal song, the tone used for keyboard performance automatically changes to the tone of the internal song. This is recommended when you play back an internal song or a song that you recorded on this piano.	External	Even when playing back external data, the tone used for keyboard performance can be specified independently of the tone used to play the external data. This is recommended when you play back external data such as commercially available music data.														
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Recording Mode		<h3>Selecting the Format for Recording (Recording Mode)</h3> <p>You can choose whether to record as SMF or as audio.</p> <p>MEMO</p> <p>You can also switch the Recording Mode by holding down the [●] button and using the [-] [+] button.</p> <table border="1"> <tr> <td>SMF</td> <td>Record your performance, and play it back on the piano.</td> </tr> <tr> <td>Audio</td> <td>Record as audio data. (WAV format, 44.1 kHz, 16-bit, linear) Your recorded piano performance can be played back on your computer or audio player, or you can use it to make a CD.</td> </tr> </table> <p style="text-align: right;">page 10</p>	SMF	Record your performance, and play it back on the piano.	Audio	Record as audio data. (WAV format, 44.1 kHz, 16-bit, linear) Your recorded piano performance can be played back on your computer or audio player, or you can use it to make a CD.																
SMF	Record your performance, and play it back on the piano.																					
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Rename Song		Refer to "Renaming a Song (Rename Song)" (p. 12).																				
Copy Song		Refer to "Copying a Saved Song (Copy Song)" (p. 12).																				
Delete Song		Refer to "Deleting a Saved Song (Delete Song)" (p. 11).																				
Format Media		Refer to "Reformatting Memory (Format Media)" (p. 16).																				
Damper Pedal Part		<h3>Changing How the Pedal Effects Are Applied (Damper Pedal Part)</h3> <p>When you press the pedal connected to the Pedal Damper jack during "Dual Play" or "Split Play," the pedal effect is normally applied to both tones, but you can also select the tone to which the effect is to be applied.</p> <table border="1"> <tr> <td>Right & Left</td> <td>All enabled</td> </tr> <tr> <td>Right</td> <td>Applied only to the Tone 1 (in Dual Play)/Right-hand Tone (in Split Play)</td> </tr> <tr> <td>Left</td> <td>Applied only to the Tone 2 (in Dual Play)/Left-hand Tone (in Split Play)</td> </tr> </table>	Right & Left	All enabled	Right	Applied only to the Tone 1 (in Dual Play)/Right-hand Tone (in Split Play)	Left	Applied only to the Tone 2 (in Dual Play)/Left-hand Tone (in Split Play)														
Right & Left	All enabled																					
Right	Applied only to the Tone 1 (in Dual Play)/Right-hand Tone (in Split Play)																					
Left	Applied only to the Tone 2 (in Dual Play)/Left-hand Tone (in Split Play)																					
Center Pedal		<h3>Changing the Function of the Center Pedal (Center Pedal)</h3> <p>Use this feature to change the function of the pedal connected to the Pedal Sostenuto jack.</p> <table border="1"> <tr> <td>Sostenuto *1</td> <td>The pedal functions as a sostenuto pedal.</td> </tr> <tr> <td>Soft *2</td> <td>Sets function to soft pedal.</td> </tr> <tr> <td>Start/Stop</td> <td>The pedal will have the same function as the [▶/■] button.</td> </tr> <tr> <td>Layer</td> <td>In Dual Play, you can control of the Tone 2 volume.</td> </tr> <tr> <td>Expression *3</td> <td>Allows control of the volume. You may find it convenient to connect an expression pedal (EV-5: sold separately). Does not change the recorded performance play.</td> </tr> <tr> <td>Master Expression</td> <td>Controls the overall volume of the FP-60.</td> </tr> <tr> <td>Bend Up *3</td> <td>Pitch rises when pedal is depressed.</td> </tr> <tr> <td>Bend Down *3</td> <td>Pitch is lowered when pedal is depressed.</td> </tr> <tr> <td>Modulation *3</td> <td>Vibrato is added when pedal is depressed.</td> </tr> <tr> <td>Rotary Sw</td> <td>When using the rotary effect, switches the rotary effect between slow and fast.</td> </tr> </table> <p>*1 Only works on the Center Pedal Function. *2 Only works on the Left Pedal Function. *3 Works only on the tone set as the corresponding pedal part (Center Pedal Part or Left Pedal Part). * Use only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the piano.</p>	Sostenuto *1	The pedal functions as a sostenuto pedal.	Soft *2	Sets function to soft pedal.	Start/Stop	The pedal will have the same function as the [▶/■] button.	Layer	In Dual Play, you can control of the Tone 2 volume.	Expression *3	Allows control of the volume. You may find it convenient to connect an expression pedal (EV-5: sold separately). Does not change the recorded performance play.	Master Expression	Controls the overall volume of the FP-60.	Bend Up *3	Pitch rises when pedal is depressed.	Bend Down *3	Pitch is lowered when pedal is depressed.	Modulation *3	Vibrato is added when pedal is depressed.	Rotary Sw	When using the rotary effect, switches the rotary effect between slow and fast.
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Soft *2	Sets function to soft pedal.																					
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Modulation *3	Vibrato is added when pedal is depressed.																					
Rotary Sw	When using the rotary effect, switches the rotary effect between slow and fast.																					
Center Pedal Part		<h3>Changing How the Pedal Effects Are Applied (Center Pedal Part)</h3> <p>When you press the pedal connected to the Pedal Sostenuto jack during "Dual Play" or "Split Play," the pedal effect is normally applied to both tones, but you can also select the tone to which the effect is to be applied. Refer to "Changing How the Pedal Effects Are Applied (Damper Pedal Part)" (p. 23).</p>																				
Left Pedal		<h3>Changing the Function of the Left Pedal (Left Pedal)</h3> <p>Use this feature to change the function of the pedal connected to the Pedal Soft jack. Refer to "Changing the Function of the Center Pedal (Center Pedal)" (p. 23).</p>																				
Left Pedal Part		<h3>Changing How the Pedal Effects Are Applied (Left Pedal Part)</h3> <p>When you press the pedal connected to the Pedal Soft jack during "Dual Play" or "Split Play," the pedal effect is normally applied to both tones, but you can also select the tone to which the effect is to be applied. Refer to "Changing How the Pedal Effects Are Applied (Damper Pedal Part)" (p. 23).</p>																				

Indication [◀] [▶] buttons	Parameter [-] [+] buttons	Explanation
Reg. Pedal Shift	Using a Pedal to Switch Registrations (Reg. Pedal Shift)	
	You can assign a pedal to successively switch registrations. Each time you press the pedal, you will switch to the next registration.	
	Off	The functions assigned to the Pedal Soft jack and Pedal Sostenuto jack will be available for use.
	Left Pedal	The pedal connected to the Pedal Soft jack can be used only for switching registrations.
	Center Pedal	The pedal connected to the Pedal Sostenuto jack can be used only for switching registrations.
Reg. Set Export	Refer to "Saving a Registration Set (Registration Set Export)" (p. 15).	
Reg. Set Import	Refer to "Loading a Saved Registration Set (Registration Set Import)" (p. 15).	
	Sending Tone-Change Information (Transmit MIDI Information)	
	When you switch registrations, the FP-60 simultaneously transmits the following: Program Change, Bank Select MSB, and Bank Select LSB. You can also set the transmit channel.	
Reg. Transmit Ch.	Off, 1–16	Sets the Program Change transmit channel.
Reg. Bank MSB	0 (00)–127 (7F)	Sets the Bank Select MSB.
Reg. Bank LSB	0 (00)–127 (7F)	Sets the Bank Select LSB.
Reg. PC	1 (00)–128 (7F)	Sets the Program Change number.
	Preventing Doubled Notes When Connected to a Sequencer (Local Control)	
Local Control	When you have a MIDI sequencer connected via USB, set this parameter to Local Off. Since most sequencers have their Thru function turned on, notes you play on the keyboard may be sounded in duplicate, or get dropped. To prevent this, you can enable the "Local Off" setting so that the keyboard and internal sound generator will be disconnected.	
	Off	Local Control is off. The keyboard is disconnected from the internal sound generator. Playing the keyboard will not produce sound.
	On	Local Control is on. The keyboard is connected to the internal sound generator.
MIDI Transmit Ch.	MIDI Transmit Channel Settings (MIDI Transmit Ch.)	
	This setting specifies the MIDI channel on which the piano will transmit. This unit will receive all sixteen channels (1–16).	
	Off, 1–16	
Display Contrast	Adjusting the Brightness of the Display (Display Contrast)	
	Adjusts the brightness of the FP-60 display.	
	1–10	
Panel Brightness	Adjusting the Brightness of the Buttons (Panel Brightness)	
	You can adjust the brightness of the FP-60's buttons.	
	Dim, Bright	
Auto Off	Making the Power Automatically Turn Off After a Time (Auto Off)	
	With the factory settings, the piano's power will automatically be switched off 240 minutes after you stop playing or operating the piano. If you don't want the power to turn off automatically, change the "Auto Off" setting to "Off."	
	Off, 10, 30, 240 (min)	
Memory Backup	The FP-60 settings return to their factory defaults when you turn off the power. But if you backup the current settings into internal memory, they will be restored the next time the power comes on. Refer to "Retaining Settings After Power-Off (Memory Backup)" (p. 16).	
Factory Reset	Refer to "Restoring the Factory Settings (Factory Reset)" (p. 16).	
Version	Displays the version of the piano's system program.	

🎵 Troubleshooting

Problem	Items to Check	Action	Page	
Even though you're using headphones to mute the sound, a thumping sound is heard when you play the keyboard	The keyboard of this piano is designed to simulate the mechanism of an acoustic piano. Even on an acoustic piano, a thumping sound is actually being produced when you press a key. Such sounds do not indicate a malfunction.		-	
Power turns off on its own	Could the Auto Off setting be something other than "Off"?	If you don't need the power to turn off automatically, turn the Auto Off setting "Off."	p. 24	
Power does not turn on	Is the AC adaptor connected correctly?		-	
Pedal does not work, or is "stuck"	Is the pedal connected correctly? Check the pedal cord, and the Pedal jack located on the back of the piano.		-	
	Could you have disconnected or connected the pedal cord while the power was on?	Power-off the piano before you connect or disconnect the pedal cord.	-	
	Could you have changed the function of the pedal?	Return the pedal function (Center Pedal, Left Pedal) to its previous setting.	p. 23	
	Could you be using the page-turning function?		p. 20	
	Could you be using Registration Shift?		p. 24	
"Buzz" is heard from external devices	Are the external devices connected to more than one AC power outlet?	If you connect external devices, be sure to connect them to the same AC outlet.	-	
The volume level of the device connected to Input Stereo jack is too low	Could the "Input/Bluetooth Vol." be turned down?		p. 23	
	Could the volume of the connected device be turned down?		-	
Notes don't sound right				
No sound	Are your amp, speakers, headphones, etc., connected correctly?		p. 5	
	Is the volume turned down?		p. 6	
	Could headphones or an adaptor plug be inserted in the Phones jacks? The speakers will not produce sound if headphones or plug are connected to the Phones jacks.		p. 4	
	Has Local Control been set to "Off"?	Set Local Control to "On."	p. 24	
	Could the Speaker [Off/On] switch be "Off"?			
	If the Speaker [Off/On] switch is "Off," sound is not output from the speakers of the FP-60.		p. 5	
	Could the Part [Upper] [Lower] sliders both be lowered? If the Part sliders are lowered, no sound is heard.		p. 6	
	Could you be using an expression pedal?	Use an expression pedal to adjust the volume.	-	
	Pitch of the keyboard or song is incorrect	Could you have made Transpose settings?		p. 6
		Is the Master Tuning setting appropriate?		p. 22
Is the setting for the Temperament correct?		p. 22		
Is the Single Note Tuning setting appropriate?		p. 13		
Notes are interrupted	Could you be holding down the damper pedal and sounding a large number of notes?		-	
	Could you be using Dual Play or playing along with a song?		-	
Sounds are heard twice (doubled) when the keyboard is played	Is the piano in Dual Play?	Press the [Split/Dual] button to turn off "Dual Play."	p. 7	
	Could the piano be connected to an external sequencer?	If you don't want the other sound module to produce sound, turn your DAW's soft thru function "Off."	-	
		If Local Control is turned "On," set Local Control to "Off."	p. 24	
Sound appears different when using "Dual Play" or "Split Play"	When using "Dual Play" which layers two tones, or "Split Play" which lets you play different tones with the left and right hands, the sound might appear different with certain combinations of tones.		-	
Reverberation remains even if you defeat the Ambience effect	Even if the Ambience effect is off, the acoustic piano's own resonance remains.		-	
Only high or low sound is heard	Could you have adjusted the equalizer?		p. 6	

Problem	Items to Check	Action	Page
The sound of the higher notes suddenly changes from a certain key	This simulates the characteristics of an acoustic piano, and is not a malfunction. The sound will change where there is a change in the number of strings per key or a transition from wound strings to unwound strings.		-
High-pitched ringing is heard	If you don't hear it through headphones: It may be that the piano 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 following settings. <ul style="list-style-type: none"> Ambience (p. 6) String Resonance (p. 13) 		
When you press a key, the sound of a note you didn't press is also faintly heard	In some cases, a note you play might cause a different note (whose frequency is an integer multiple of the first note) to resonate, producing the sensation that the sound has changed; this is not a malfunction. Lower the Piano Designer's "String Resonance" value, or turn it off.		p. 13
Low notes sound wrong, or are buzzy	Could the volume be set to maximum?	Lower the volume.	p. 6
	If you also hear it through headphones: It may be that the piano has malfunctioned. Please contact your dealer or a Roland customer service center.		-
	If you don't hear it through headphones: Objects near the piano are resonating because of the high volume of sound coming from the speakers. You can take the following measures to minimize resonances. <ul style="list-style-type: none"> Locate the speakers 10–15 cm (4–6 inch) away from walls or other surfaces. Keep the volume down. Move away from the objects that are resonating. 		
Song does not play correctly			
The selected sound changes when you play back a song	Could the SMF Play Mode be set to "Auto-Select" or "Internal"?	Set the SMF Play Mode to "External."	p. 23
The piano's tonal character changes when you record	Could you be recording with a tone that you created in Piano Designer?	The Piano Designer settings might not be reproduced when you play back a song.	-
	Could you be playing back the audio-recorded sound?	Record as SMF.	p. 10
Only the sound of a particular instrument in a song does not play	Could the Part [Upper] [Lower] sliders both be lowered? If the Part sliders are lowered, no sound is heard.		p. 6
No sound when you play back a song	Could the [Song Vol] slider or Part [Lower] [Upper] sliders be set to "0"?		p. 6 p. 9
Song volume is too low / Volume differs between recording and playback	Could the [Song Vol] slider or Part [Lower] [Upper] sliders be set too low?		p. 6 p. 9
Can't play back a song saved in USB flash drive	Three types of file can be played back: audio files, MP3, and MIDI files.		
	Audio files	File extension ".wav," 44.1 kHz, 16-bit linear,	
	MP3	File extension ".mp3," 44.1 kHz, 64 kbps–320 kbps	-
	MIDI	File extension ".MID"?	
Titles of songs saved on the USB flash drive do not appear in the screen	Could the song name information in the file be blank or consist of only spaces?		-
	Is the filename extension ".MID"? Song titles can be shown in the screen only for files that have a ".MID" extension.		-
	Could the file name contain two-byte characters (such as Japanese)?	Rename the file so that it consists only of single-byte alphanumeric characters.	-
Can't record			
Can't record audio	Is a USB flash drive connected to the USB Memory port?		-

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🎵 Error Messages

Indication	Meaning
Error 2	An error occurred during writing. The USB flash drive may be corrupted.
	Insert other USB flash drive and try again. Alternatively, you can initialize the USB flash drive (p. 16).
	The internal memory might be damaged. Format the internal memory (p. 16).
Error 10	No USB flash drive is inserted. Insert the USB flash drive and try again.
	The internal memory might be damaged. Format the internal memory (p. 16).
Error 11	There is not sufficient free memory in the save destination.
	Either insert other USB flash drive or delete unneeded files and try again.
Error 14	An error occurred during reading. The USB flash drive may be corrupted.
	Insert other USB flash drive and try again. Alternatively, you can initialize the USB flash drive (p. 16).
Error 15	The internal memory might be damaged. Format the internal memory (p. 16).
	The file is unreadable. The data format is not compatible with the piano.
Error 18	This audio format is not supported.
	Please use 44.1 kHz 16-bit linear WAV format or 44.1 kHz 64 kbps–320 kbps MP3 format audio files.
Error 30	Internal memory capacity of the piano is full.
Error 40	The piano cannot deal with the excessive MIDI data sent from the external MIDI device.
	Reduce the amount of MIDI data sent to the piano.
Error 43	A MIDI transmission error has occurred. Check the MIDI cable and connected MIDI device.
Error 51	There may be a problem with the system. Repeat the procedure from the beginning. If it is not solved after you have tried several times, contact the Roland service center.
Error 65	The USB flash drive connector was subjected to excessive current. Make sure that there is no problem with the USB flash drive, then turn the power off, then on again.

🎵 Tone List

Piano

#	Tone Name
1	Concert Piano
2	Ballad Piano
3	Mellow Piano
4	Bright Piano
5	Upright Piano
6	Mellow Upright
7	Bright Upright
8	Rock Piano
9	Ragtime Piano
10	Bright Forte
11	SA Piano 3
12	70's E.Grand
13	Magical Piano
14	Harpsichord
15	Harpsi 8'+4'

E. Piano

#	Tone Name
1	1976SuitCase
2	Tine EP Lite
3	ModifiedDyno
4	VR EP 1
5	Wurly 200
6	Pure Wurly
7	Phase EP Mix
8	80's FM EP
9	MetalicEP Ex
10	SA E.Piano 1
11	SA EP1 Stack
12	SA E.Piano 2
13	Tremolo EP
14	EP Belle
15	BrillClav DB
16	BrillClavWah

Strings

#	Tone Name
1	Chamber Str
2	String Exp
3	Full Strings
4	Strings forl
5	Epic Strings
6	Rich Strings
7	Orchestra
8	Harpiness
9	OrchestraBrs
10	SymphonicStr1
11	SymphonicStr2

Organ

#	Tone Name
1	B.Organ Slow
2	Pipe Organ
3	Nason flt 8'
4	Combo Jz.Org
5	Ballad Organ
6	ChurchOrgan1
7	ChurchOrgan2
8	Gospel Spin
9	Full Stops
10	Mellow Bars
11	Lower Organ
12	Light Organ
13	Animal Mod
14	Surf Monkeys
15	Rising Sun

Pad

#	Tone Name
1	Super SynPad
2	Choir Aahs 1
3	Choir Aahs 2
4	D50 StackPad
5	Legend Pad
6	Voice of Hvn
7	New Jupiter
8	ChordofCnada
9	JP8 Strings
10	Air Pad
11	Boreal Pad
12	JP8 Hollow
13	Soft Pad
14	Solina
15	Tron Strings

Other

#	Tone Name
1	Super Saw
2	Trancy Synth
3	Flip Pad
4	D50 Fantasia
5	D50 Stac Hvn
6	D50 FuturePd
7	D50 DigiNDnc
8	EQ Lead
9	DelyResoSaws
10	StrawberyFlt
11	Jazz Scat
12	Ac.Bass wRel
13	Comp'd JBass
14	A.Bass+Cymbal
15–23	(8-drum sets and 1 SFX set)
24–279	(GM2 Tones)

Saved Settings

Parameter	Explanation	Settings Saved in Registrations	Items Stored by Memory Backup	Settings Stored Immediately When Edited
	Selected tone (including Split or Dual tones)	✓		
	Dual Play On/Off	✓		
	Split Play On/Off	✓		
	Part Volume	✓		
Split Point	Split Point	✓		
Right Shift	Octave shift of the right-hand tone	✓		
Left Shift	Octave shift of the left-hand tone	✓		
Tone 1 Shift	Octave shift of tone 1	✓		
Tone 2 Shift	Octave shift of tone 2	✓		
Transpose	Transpose on/off and transpose value	✓		
Ambience	Depth of the ambience effect	✓	✓	
Rotary Speed	Modulation speed of the rotary effect	✓		
Modulation Speed	Speed at which the sound is modulated	✓		
Key Touch	Key Touch	✓	✓	
Damper Pedal Part	Damper pedal part setting	✓		
Center Pedal Part	Center pedal part setting	✓		
Center Pedal	Function of the center pedal	✓		
Left Pedal Part	Left pedal part setting	✓		
Left Pedal	Function of the left pedal	✓		
Reg. Pedal Shift	Registration pedal shift setting	*	✓	
MIDI Transmit Ch.	MIDI transmit channel	✓	✓	
Reg. Transmit Ch.				
Reg. PC				
Reg. Bank MSB	Tone switching information	✓		
Reg. Bank LSB				
Headphones 3D Ambience	Headphone 3D ambience		✓	
Hammer Response	Hammer response		✓	
Metronome	Metronome (volume, sound, down beat)		✓	
Master Tuning	Master Tuning		✓	
Temperament	Tuning method		✓	
Temperament Key	Base note for the tuning method		✓	
Input/Bluetooth Vol.	Input/ Bluetooth volume			✓
SMF Play Mode	SMF playback mode		✓	
Display Contrast	Display contrast		✓	
Panel Brightness	Brightness of the buttons		✓	
	All settings of the Bluetooth function			✓
Auto Off	Auto off			✓
Equalizer	Equalizer settings		✓	

* The "Reg. Pedal Shift" setting is saved on the USB flash drive when you execute Registration Set Export.

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USING THE UNIT SAFELY

⚠ WARNING

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. 24).



Use only the stand that is recommended

This unit should be used only with a stand that is recommended by Roland.



Do not place in a location that is unstable

When using the unit with a stand recommended by Roland, the stand must be carefully placed so it is level and sure to remain stable. If not using a stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling.



Precautions regarding placement of this unit on a stand

Be sure to follow the instructions in the Owner's Manual carefully when placing this unit on a stand (p. 2).



If it is not set up properly, you risk creating an unstable situation which could lead to the unit falling or the stand toppling, and may result in injury.

⚠ WARNING

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.



⚠ CAUTION

Use only the specified stand(s)

This unit is designed to be used in combination with specific stands (KSC-72, KS-G8B and KS-12) manufactured by Roland. If used in combination with other stands, you risk sustaining injuries as the result of this product dropping down or toppling over due to a lack of stability.



⚠ CAUTION

Evaluate safety issues before using stands

Even if you observe the cautions given in the owner's manual, certain types of handling may allow this product to fall from the stand, or cause the stand to overturn. Please be mindful of any safety issues before using this product.



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.
- Remove the music stand.

IMPORTANT NOTES

Placement

- 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.
- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface.

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.

Repairs and Data

- Before sending the unit away for repairs, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

Additional Precautions

- Note when placing a mobile device such as a smartphone or tablet on this unit
 - Handle your device with care to avoid scratching the unit or the mobile device.
- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, try to make a habit of creating regular backups of the data you've stored in the unit.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.

- Never strike or apply strong pressure to the display.
- 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.
- Use only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.
- Do not use connection cables that contain a built-in resistor.

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.
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