HPi-50

Roland Digital Piano

Owner's Manual

Roland

Look What You Can Do!

Play the piano

♪ Play various sounds

page 20 page 21

Try selecting and playing various sounds.

You can layer two sounds together.

♪ Playing different sounds in left and right hands

page 22

You can divide the keyboard into left- and right-hand sections, and select and play different sounds in each.

♪ Play with a friend

page 26

You can divide the keyboard into left and right sections, and play them as if you were using two pianos.

Enjoy games

♪ Become familiar with notes

page 28

Learn the basics of music through simple operation and enjoyable animation. (Wonderland)

♪ Improve your sense of pitch

page 28

Train your sense of pitch with an ear-training quiz. (Flash Card, Twin Piano Game)

♪ Become familiar with the keyboard

page 28

Have fun while improving proficiency at the keyboard while you aim at the falling sticks.
º(Scroll Game)

Practice

♪ Master a song

page 29

Practice by playing along with an accompaniment while you view the notation. (Visual Lesson)

Collect medals by playing a song. (Medal Collection)

♪ Practice your fingering

page 29

You can improve your fingering. (Finger Exercises)

♪ Preserve the results of your lessons

page 36

You can preserve your own performance to record the results of your practice. (Recording)

Eco-friendly power conservation

♪ Power will turn off after a certain time has elapsed

page 52

The power will turn off automatically 30 minutes after you stop playing or operating the instrument.

*If you don't want the power to turn off automatically, you can make that setting in "Auto Off" (p. 52).

Create songs

Create your own original songs

page 42 page 43

You can play along with a rhythm. (Rhythm)

You can use multi-track recording to create a song. (16 part recorder)

Edit a song

page 44

You can make detailed edits to a recorded song. (Song Editor)

Create a CD on your computer

page 41

You can copy the recorded song to your computer and burn it to a CD. (Audio Conversion)

Personalize your piano (Piano Designer)

Adjust the keyboard touch

page 48

You can adjust the touch sensitivity of the keyboard to suit your preferences.

Adjust the resonance and brightness of the sound

page 48

You can make the piano sound brighter or more mellow, and adjust the resonance.

Adjust the openness of the grand piano's lid

page 48

Closing the lid will produce a more mellow sound; opening it brightens the sound.

Convenient functions

Change the notation display

page 14

You can switch the way in which the notation is displayed, as appropriate for your own level or the type of song.

Use the HPi-50 as a simple piano

page 13 page 18

You can use the HPi-50 as a simple piano by taking advantage of a function that prevents the sounds or settings from inadvertently being changed, and by placing the lid in the Classic Position.

Use your smartphone or tablet for even more convenience

page 59

The separately sold wireless USB adapter lets you use the HPi-50 with your smartphone or tablet.

USING THE UNIT SAFELY

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

About ⚠WARNING and ⚠CAUTION Notices

⚠WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

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

ALWAYS OBSERVE THE FOLLOWING

⚠WARNING

Do not disassemble or modify by yourself

Do not open (or modify in any way) the unit or its AC adaptor.

Do not repair or replace parts by yourself

Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.

Do not use or store in the following types of locations

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

Do not place in an unstable location

Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces.

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

⚠WARNING

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

Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards!

Avoid extended use at high volume

This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an audiologist.

Don't allow foreign objects or liquids to enter unit; never place containers with liquid on unit

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

Turn off the unit if an abnormality or malfunction occurs

Immediately turn the unit off, remove the AC adaptor from the outlet, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page when:

- The AC adaptor, the power-supply cord, or the plug has been damaged; or
- If smoke or unusual odor occurs; or
- Objects have fallen into, or liquid has been spilled onto the unit; or
- The unit has been exposed to rain (or otherwise has become wet); or
- The unit does not appear to operate normally or exhibits a marked change in performance.

⚠WARNING

Adults must provide supervision in places where children are present

When using the unit in locations where children are present, be careful so no mishandling of the unit can take place. An adult should always be on hand to provide supervision and guidance.

Do not drop or subject to strong impact

Protect the unit from strong impact.

(Do not drop it!)

Do not share an outlet with an unreasonable number of other devices

Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.

Do not use overseas

Before using the unit in overseas, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.

⚠ CAUTION

Place in a well ventilated location

The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation.

When disconnecting an AC adaptor, grasp it by the plug

To prevent conductor damage, always grasp the AC adaptor by its plug when disconnecting it from this unit or from a power outlet.

Periodically clean the AC adaptor's plug

At regular intervals, you should unplug the AC adaptor and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs.
Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire.

Manage cables for safety

Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.

Avoid climbing on top of the unit, or placing heavy objects on it

Never climb on top of, nor place heavy objects on the unit.

Do not connect or disconnect the AC adaptor with wet hands

Never handle the AC adaptor or its plugs with wet hands when plugging into, or unplugging from, an outlet or this unit.

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 for stand assembly 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.
- Raise the adjusters on the stand (p. 72).
- Close the lid.
- Remove the music stand.

Unplug the AC adaptor from the outlet before cleaning

Before cleaning the unit, turn it off and unplug the AC adaptor from the outlet (p. 72).

If there is a possibility of lightning strike, disconnect the AC adaptor from the outlet

Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet.

⚠ CAUTION

Take care so as not to get fingers pinched

When handling the following moving parts, take care so as not to get fingers, etc., pinched. An adult should always be in charge of handling these items.

- Lid (p. 18)
- Pedal (p. 16)

Keep small items out of the reach of children

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

- Included Parts/Removable Parts
  Stereo phone plug adaptor (p. 17)
  Screws (p. 72)

Handle the ground terminal carefully

If you remove the screw from the ground terminal, be sure to replace it; don't leave it lying around where it could accidently be swallowed by small children. When refastening the screw, make that it is firmly fastened, so it won't come loose.

IMPORTANT NOTES

Power Supply

- Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter or a motor (such as a refrigerator, washing machine, microwave oven, or air conditioner). Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.
- The AC adaptor will begin to generate heat after long hours of consecutive use. This is normal, and is not a cause for concern.
- To prevent malfunction and equipment failure, always make sure to turn off the power on all your equipment before you make any connections.
- With the factory settings, the HPi-50 will automatically be switched off 30 minutes after you stop playing or operating the unit. If you don't want the unit to turn off automatically, change the "AUTO OFF" setting to "OFF" as described on p. 52.

NOTE

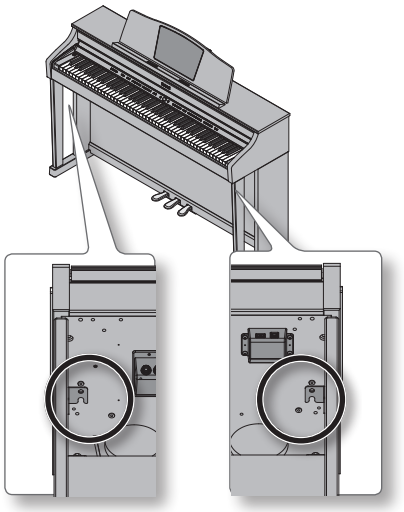
The settings you were editing will be lost when the unit is turned off. If you want to keep your settings, you must save your settings before turning the unit off.

Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Do not allow rubber, vinyl, or similar materials to remain on this unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.
- Do not allow objects to remain on top of the keyboard. This can be the cause of malfunction, such as keys ceasing to produce sound.
- Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.
- Do not place containers or anything else containing liquid on top of this unit. Also, whenever any liquid has been spilled on the surface of this unit, be sure to promptly wipe it away using a soft, dry cloth.

Maintenance

- To clean the unit, use a dry, soft cloth; or one that is slightly dampened. Try to wipe the entire surface using an equal amount of strength, moving the cloth along with the grain of the wood. Rubbing too hard in the same area can damage the finish.
- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.
- The pedals of this unit are made of brass. Brass eventually darkens as the result of the natural oxidization process. If the brass becomes tarnished, polish it using commercially available metal polisher.
- Since wood will expand and contract depending on how it is used and the environment in which it is located, products made of wood may experience a gradual loosening of the screws over time. To ensure that your piano remains in safe, optimal condition, you should regularly check the tightness of the screws in the locations shown in the illustration. If you find that any screws are Loose, use a screwdriver to tighten them.



Repairs and Data

- Please be aware that all data contained in the unit's memory may be lost when the unit is sent for repairs. Important data should always be backed up USB flash drives, or written down on paper (when possible). During repairs, due care is taken to avoid the loss of data. However, in certain cases (such as when circuitry related to memory itself is out of order), we regret that it may not be possible to restore the data, and Roland assumes no liability concerning such loss of data.

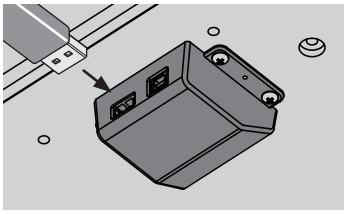
Additional Precautions

- Please be aware that the contents of memory can be irretrievably lost as a result of a malfunction, or the improper operation of the unit. To protect yourself against the risk of loosing important data, we recommend that you periodically save a backup copy of important data you have stored in the unit's memory USB flash drives.
- Unfortunately, it may be impossible to restore the contents of data that was stored in the unit's memory, USB flash drives once it has been lost. Roland Corporation assumes no liability concerning such loss of data.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- Never strike or apply strong pressure to the display.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- To avoid disturbing others nearby, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you.
- 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.
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- Do not apply undue force to the music stand while it is in use.
- Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.
- Before opening or closing the keyboard lid, always make sure that no pets or other small animals are located on top of the instrument (in particular, they should be kept away from the keyboard and its lid). Otherwise, due to the structural design of this instrument, small pets or other animals could end up getting trapped inside it. If such a situation is encountered, you must immediately turn off the unit and disconnect the power cord from the outlet. You should then consult with the retailer from whom the instrument was purchased, or contact the nearest Roland Service Center.
- When opening or closing the lid or operating the pedals, please be careful not to get your fingers pinched between the movable part and the panel. In places where small children are present, make sure that an adult provides supervision and guidance.

Before Using External Memories

Using External Memories

- Carefully insert the USB flash drives all the way in—until it is firmly in place.



- Never touch the terminals of the USB flash drives. Also, avoid getting the terminals dirty.

- USB flash drives are constructed using precision components; handle the memories carefully, paying particular note to the following.
  - To prevent damage to the cards from static electricity, be sure to discharge any static electricity from your own body before handling the cards.
  - Do not touch or allow metal to come into contact with the contact portion of the cards.
  - Do not bend, drop, or subject cards to strong shock or vibration.
  - Do not keep cards in direct sunlight, in closed vehicles, or other such locations.
  - Do not allow cards to become wet.
  - Do not disassemble or modify the cards.

Note regarding display of musical notation

- When you start song playback, performance data will be read from Favorites or from a USB flash drive. It may take several tens of seconds for the data to be read. Please wait for this to take place.
- The displayed musical notation is generated based on the music data.
  Priority is given to visual clarity rather than to the precision needed for complex or sophisticated performance.
  For this reason, the displayed musical notation may differ from commercially available notation. In particular, the displayed notation is not suitable for sophisticated or complex songs that require detailed notation.
- In some cases, the lyrics or notes may fall outside the displayed area, and might not be visible.
- Musical notation cannot be displayed for audio files or songs from a music CD.
- In some cases, the song may play back again from the beginning if you display the musical notation or change the displayed tracks.
- Copyright law prohibits the unauthorized use of this musical notation for any purpose other than personal enjoyment.

Intellectual Property Right

- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform, or broadcast it without the permission of the copyright owner.
- Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.
- The copyright of content in this product (the sound waveform data, style data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation.
- Purchasers of this product are permitted to utilize said content for the creating, performing, recording and distributing original musical works.
- Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.
- You cannot save song data that is copyrighted.
- Unauthorized use of the exported notation data for purposes other than personal enjoyment without permission from the copyright holder is forbidden by law.
- MMP (Moore Microprocessor Portfolio) refers to a patent portfolio concerned with microprocessor architecture, which was developed by Technology Properties Limited (TPL). Roland has licensed this technology from the TPL Group.
- XGlite (XGlite) is a registered trademark or a trademark of Yamaha Corporation.
- Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation.
- Roland, GS, SuperNATURAL, DigiScore are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.
- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.
- Microsoft, Windows, Windows Vista, and DirectX are either registered trademarks or trademarks of Microsoft Corporation.
- iTunes is a registered trademark or trademark of Apple Inc.
- The notation display in "Notation (Large, with note names)" (p. 14) is based on E-Z Play ® Today Music Notation from Hal Leonard Corporation USA.
  E-Z Play ® Today Music Notation © 1975 by HAL LEONARD CORPORATION
  E-Z PLAY and EASY ELECTRONIC KEYBOARD MUSIC are registered trademarks of HAL LEONARD CORPORATION

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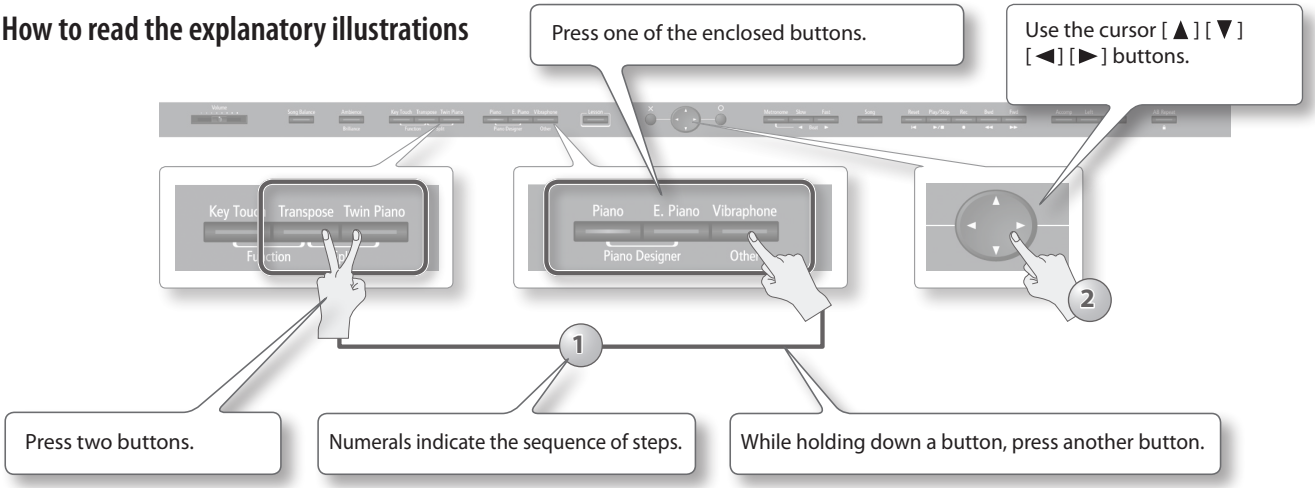
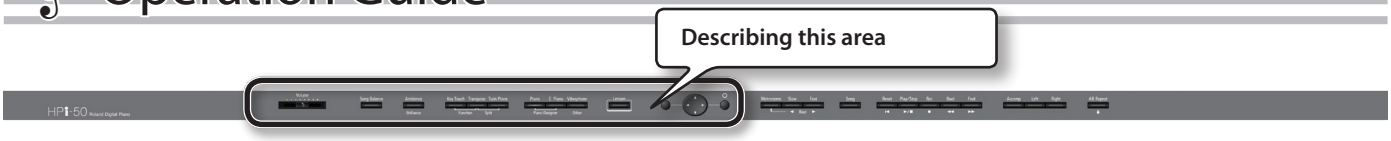


Operation Guide



Adjusting the Song Volume (Song Balance)

By modifying the playback volume of the song, you can adjust the balance between the song and your keyboard performance.

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To turn song balance on

Press the [Song Balance] button so it's lit.

To adjust the song balance

Use the cursor [◄] [►] buttons.

Adjusting the Resonance or Brightness (Ambience/Brilliance)

You can adjust the spatial ambiance reminiscent of a performance in a concert hall, and vary the brilliance of the sound.

page 24

To turn ambience/brilliance on

Press the [Ambience/Brilliance] button so it's lit.

To adjust ambience/brilliance

Use the cursor [▲] [▼] buttons to select "ambience" or "brilliance," and use the cursor [◄] [►] buttons to adjust the setting.

Adjusting the Overall Volume

Adjust the sound's volume

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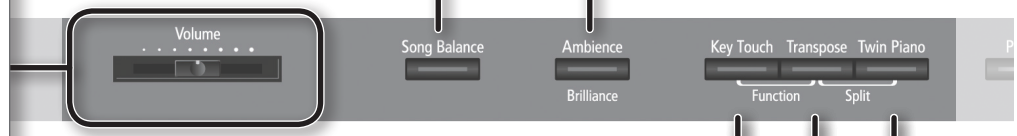
Min ◄► Max



Adjusting the Keyboard Touch (Key Touch)

You can adjust the way in which the keyboard responds to your playing.

page 25

To turn key touch on

Press the [Key Touch] button so it's lit.

To adjust the key touch

Use the cursor [◄] [►] buttons.

Transposing Your Performance (Transpose)

You can transpose your keyboard performance or the song.

page 27

To turn transpose on

Press the [Transpose] button so it's lit.

To adjust the amount of transposition

Use the cursor [◄] [►] buttons.

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

This function divides the keyboard into left and right zones, allowing you to play a different tone in each zone.

page 22

To turn split on

While holding down the [Transpose] button, press the [Twin Piano] button.

To change the tones

1. **Use the cursor [◄] [►] buttons to select the left-hand or right-hand tone.**
2. **Press the [○] button to access the tone select screen.**
3. **Use the cursor [◄] [►] buttons to select a category.**
4. **Use the cursor [▲] [▼] buttons to select a tone.**

Changing the keyboard's split point

In the split screen, select the keyboard illustration, and then use the cursor [◄] [►] buttons.

Dividing the Keyboard for Two-person Performance (Twin Piano)

This function divides the keyboard into left and right, allowing two people to play the same range of pitches.

page 26

To turn twin piano on

Press the [Twin Piano] button so it's lit.

To change how the sounds are heard

Use the cursor [◄] [►] buttons.

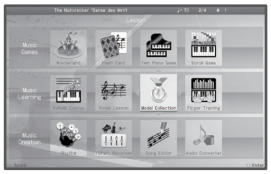
Individual	Two people using headphones can practice independently.
Pair	Two people can practice together.

Enjoy Lessons (Lesson Function)

You can play games and practice enjoyably in other ways.

To access the lesson menu

Press the [Lesson] button so it's lit.



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Selecting an Item in the Screen

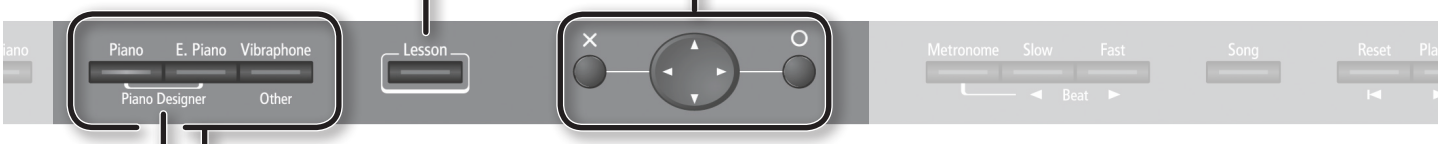
To select an item that's shown in the screen, move the cursor.

To move the cursor

Use the cursor [▲] [▼] [◄] [►] buttons.

To confirm or cancel

Press the [○] button to confirm, or the [×] button to cancel.



Switching Tones

To select a single tone

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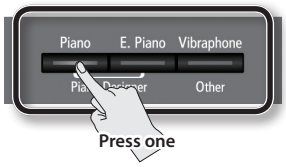
Press one of the tone buttons.



To change the tones

1. **Use the cursor [◄] [►] buttons to select a tone category.**
2. **Use the cursor [▲] [▼] buttons to select a tone.**
   If you hold down a cursor button, the tone selection will change successively.

To layer two tones (dual play)

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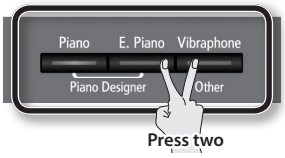
While holding down the [Piano] button or the [E. Piano] button, press the [Vibraphone/Other] button.



* By holding down the [Piano] button and pressing the [E. Piano] button, you can access the Piano Designer screen.

If you want to change the tones for Dual Play, use the cursor [◄] [►] buttons to select either tone 1 or tone 2, and press the [○] button to access the tone select screen.

Use the cursor [▲] [▼] [◄] [►] buttons to select the tone category and the tone.

* You can't select tones of the same category for tone 1 and tone 2.

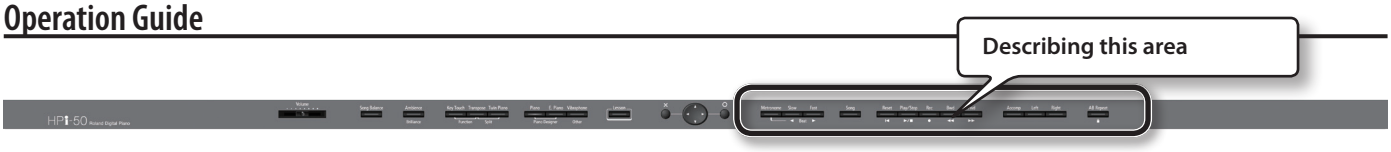
* Tone 2 can be selected only when using Dual Play.

Customizing Your Piano Sound (Piano Designer)

You can adjust various elements of a grand piano's sound to create your own personalized piano.

page 48

1. **While holding down the [Piano] button, press the [E. Piano] button.**
2. **Use the cursor [▲] [▼] buttons to select the item that you want to edit.**
3. **Use the cursor [◄] [►] buttons to edit the value.**



Using the Metronome

Here's how to sound the metronome.

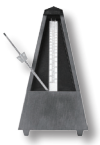
page 30

To turn the metronome on

Press the [Metronome] button so it blinks.

To change the tempo

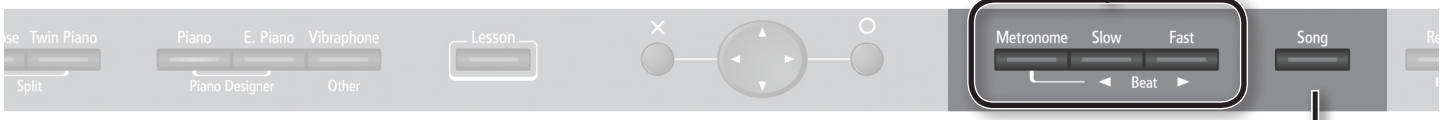
Press the [Slow] [Fast] button.



To adjust the metronome volume or time signature

Use the cursor [▲] [▼] buttons to select the item, and use the cursor [◄] [►] buttons to specify the desired setting.

Volume	Metronome volume
Beat	E.g., 2/2 or 4/4
Sound	Click tone or an electronic sound
Pattern	Specifies how the weak beats are to be sounded.
Beat Lamp	Switches the [Metronome] button's illumination on/off.
Tempo Mute	If this is "On," playback at a fixed tempo.



Selecting a Song

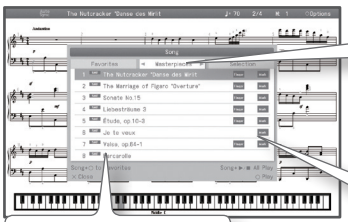
Access the song screen.

page 31

To select a song

1. Press the [Song] button to access the song select screen.

2. Use the cursor [▲] [▼] [◄] [►] buttons to select the category and song.



Category
Use the [◄] [►] cursor buttons to select.

Icon
Icons are shown to indicate the type of data, and to indicate whether the song contains lyrics or fingering.

Song list
Use the [▲] [▼] cursor buttons to choose.

To select a song that's saved on a USB flash drive

1. Press the [Song] button to access the song select screen.

2. Use the cursor [◄] [►] buttons to select "USB Memory."

Category
Choose "USB Memory."

3. Use the cursor [▲] [▼] buttons to select a song.

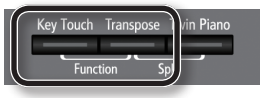
Copying a song from your computer to a USB flash drive

page 31

Storing Your Settings (memory backup)

The HPi-50 allows you to adjust numerous settings, but these settings will return to their default values as soon as you turn off the power.
However, by using the Memory Backup feature, you can have the changes you've made in settings be retained.

1. While holding down the [Key Touch] button, press the [Transpose] button.



2. Use the cursor [▲] [▼] buttons to select "Memory Backup."

3. Press the [►] cursor button.

4. Choose "Execute," and press the [○] button.

Selecting the Parts That Will Play

Here's how to select the parts that will play.

page 34

To select the right-hand part	Press the [Right] button so it's lit.
To select the left-hand part	Press the [Left] button so it's lit.
To select the other parts	Press the [Accomp] button so it's lit.

To change the mute volume

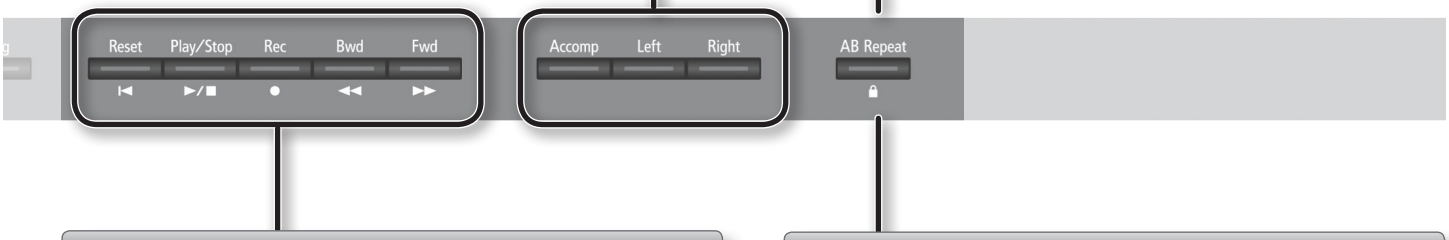
Hold down the button of the part whose volume you want to change, and use the cursor [◀] [▶] buttons.

Repeatedly Practicing a Portion of a Song (AB Repeat)

Here's how you can make a specific portion of a song play back repeatedly.

page 35

1. **Press the [▶/■] (Play/Stop) button to play back the song.**
2. **At the beginning of the portion to be repeated, press the [AB Repeat] button.**
3. **At the end of the portion to be repeated, press the [AB Repeat] button once again.**



Recording/Playback

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

page 31 page 36

Return to the beginning of the song	Press the [⏮] (Reset) button.
Play/Stop	Press the [▶/■] (Play/Stop) button.
Enter recording-standby mode	While stopped, press the [●] (Rec) button.
Record	While in recording-standby mode, press the [▶/■] (Play/Stop) button.
Rewind	Press the [◀◀] (Bwd) button.
Fast-forward	Press the [▶▶] (Fwd) button.

To play all songs

page 32

1. **Press the [Song] button to access the song select screen.**
2. **Use the cursor [◀] [▶] buttons to select a category.**
3. **While holding down the [Song] button, press the [▶/■] (Play/Stop) button.**

To make a new recording

page 37

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

To overdub

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1. **Press the [●] (Rec) button.**
2. **Press the [○] button to select overdub recording.**
   As desired, press the button of the part that you want to record, making the button blink.
3. **Press the [▶/■] (Play/Stop) button to start recording.**
4. **Press the [▶/■] (Play/Stop) button to stop recording.**

Disabling the Buttons (Panel Lock)

To enable panel lock

Hold down the [AB Repeat] button f for several seconds

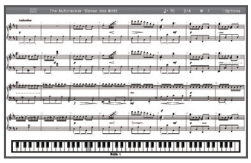
To cancel panel lock

Hold down the [AB Repeat] button once again for several seconds.

Notation Display Screen

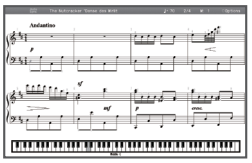
When you turn on the power, the notation display screen will appear. You can view the notation display screen in four sizes: "small," "medium," "large," or "with note names." Use the Options screen to specify the desired "Size."

Small
(32 measures displayed)

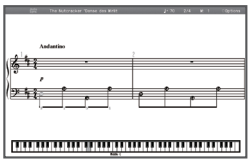


Medium (upon power-up)
(15 measures displayed)

Large
(8 measures displayed)

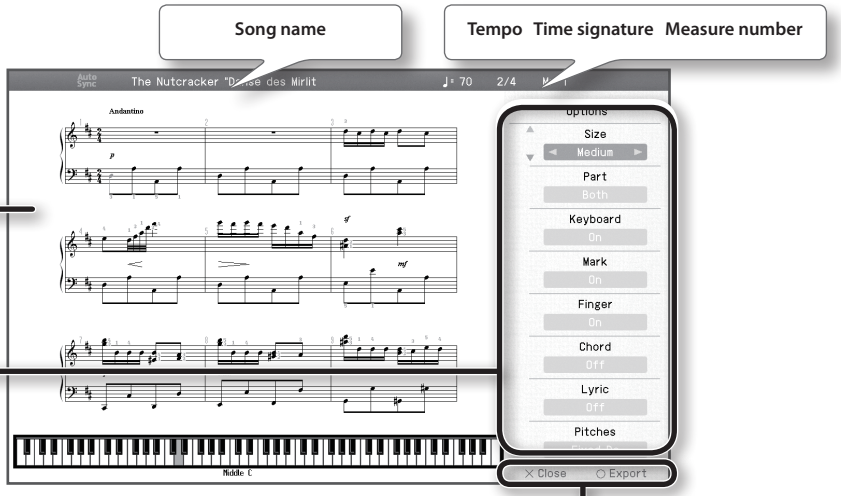


With note names
(2 measures displayed)



Changing the Number of Measures Displayed

Press the cursor [▲] [▼] button



Options screen

In the notation screen, press the [○] button to access the option screen for notation.

Item	Explanation
Size	Specifies the size of the notation display.
Part	Specifies the part to be shown as notation.
Keyboard	If this is "On," a keyboard is shown below the notation.
Mark	If this is "On," performance marks are shown when you play back song data that contains performance marks.
Finger	If this is "On," fingering numbers are shown when you play back song data that contains fingering numbers.
Chord	If this is "On," chord names are shown when you play back song data that contains chord data.
Lyric	If this is "On," lyrics are shown when you play back song data that contains song lyric data.
Pitches	Specify how note names are displayed when the notation screen is expanded.
Auto Sync	If this is "On," the notation will be shown in synchronization with the performance.
Key	Display the notation in the specified key.
Clef R	Specifies the clef of the notation shown for the right-hand part.
Clef L	Specifies the clef of the notation shown for the left-hand part.
Upper Part	Specifies the part for which notation will be shown as the upper part.
Lower Part	Specifies the part for which notation will be shown as the lower part.

Notation menu

[○] button

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Writes (exports) the displayed notation in BMP format to a USB flash drive.

[×] button

Returns to the notation display screen.

MEMO

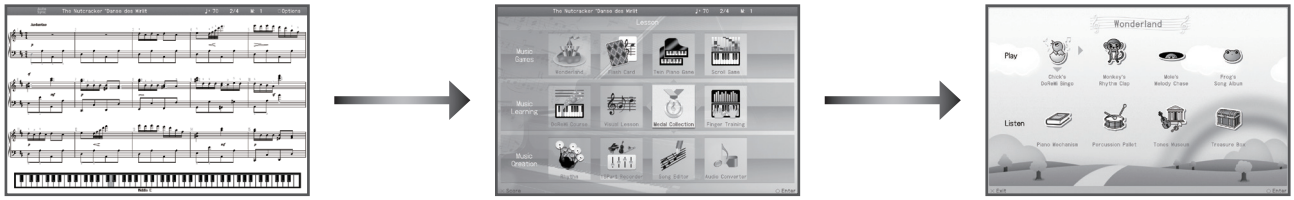
- Not only the built-in songs but also SMF music data and performances you've recorded on the HPi-50 can be displayed in the notation screen.
- If you select a part that contains no performance data, no notes will be shown in the notation. To change the part that's displayed, change the "Upper Part" or "Lower Part" setting in the Options screen.
- The fingering numbers displayed by the HPi-50 are just one possible example.
- The performance marks displayed by the HPi-50 are just one possible example, and are not intended to limit the expressivity of your performances.

* The explanations in this manual include illustrations that depict what should typically be shown by the display.
Note, however, that your unit may incorporate a newer, enhanced version of the system (e.g., includes newer sounds), so what you actually see in the display may not always match what appears in the manual.

Lesson Menu Screen

When you press the [Lesson] button, a list of games and practice helps will appear. Use the cursor [▲] [▼] [◄] [►] buttons to select an item, and press the [○] button to confirm your choice.

Normal (upon power-up) → Lesson Menu screen → Wonderland (example)



Playing a Game

You can become familiar with the sounds and built-in songs through easy operation and enjoyable animation.

page 28

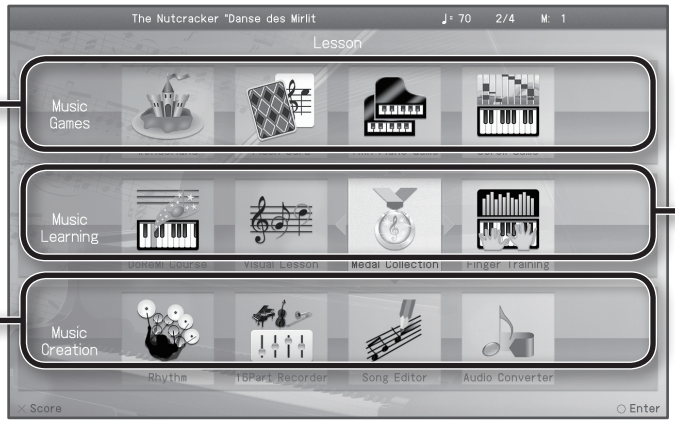
Wonderland	This includes enjoyable game such as "Monkey's Rhythm Clap," "Mole's Melody Chase," and "Frog's Song Album."
Flash Card	In this game you'll guess the note from the notation you see or the pitch you hear.
Twin Piano Game	Use the right keyboard section to match the note played in the left keyboard section.
Scroll Game	This is a game where you play notes while watching the scrolling bars.

Practicing

You can study or practice while you view the screen.

page 29

DoReMi Course	Learn about the piano in a game-like way.
Visual Lesson	This is a practice application that lets you score points.
Medal Collection	Play along with the accompaniment; you'll get points for your performance and be awarded the corresponding medal.
Finger Training	This application lets you practice while checking the force with which each finger strikes the key.



Creating a Song

You can layer 16 parts by overdubbing, and edit the song you recorded.

page 42

Rhythm	You can perform along with a variety of rhythms.
16 Part Recorder	You can create multi-track recordings with 16 parts.
Song Editor	You can edit the data you recorded.
Audio Converter	A song recorded as an SMF can be converted to audio.

Panel Descriptions

[Power] Switch

This turns the power on/off.

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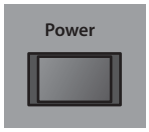


* **With the factory settings, the HPi-50's power will automatically be switched off 30 minutes after you stop playing or operating the unit.**

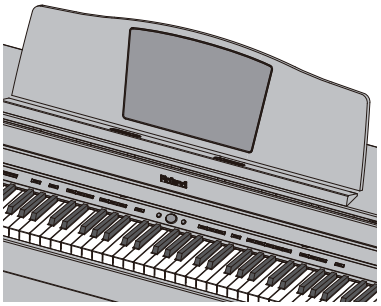
If the unit's power has been turned off automatically, you can use the [Power] switch to turn the unit back on again.
If you don't want the power to turn off automatically, change the "Auto Off" setting to "Off" as described on "Making the Power Automatically Turn Off After a Time (Auto Off)" (p. 52).

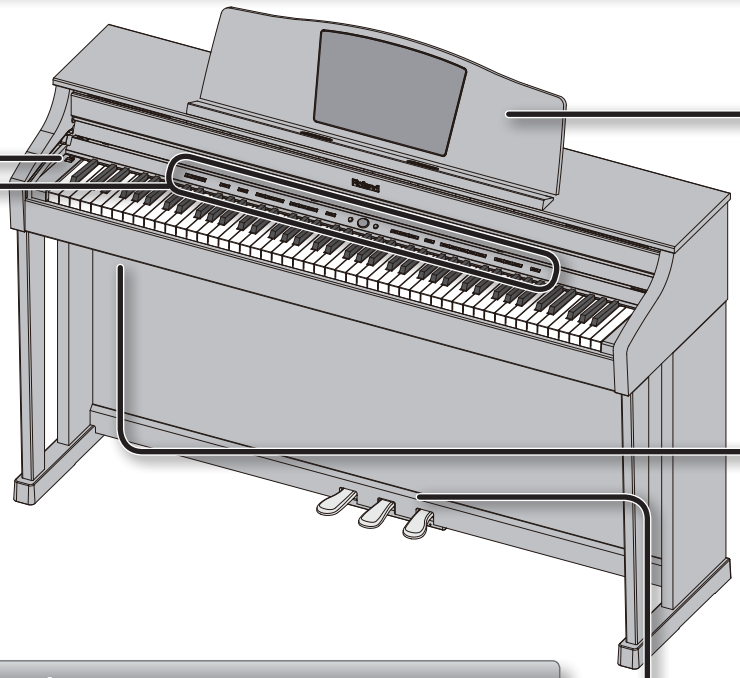
* When turning the power on again, you must allow at least five seconds after power-off before you once again turn the power on.
If you fail to allow enough time, the Auto Off function might not be reset, preventing the power from turning on correctly.

Display (Music Stand)

Various screens and settings are shown here.

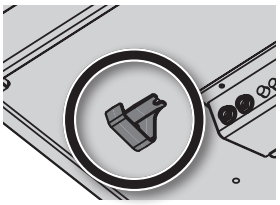
You can also use it as a music stand.





Headphone Hook

Whenever you are not using the headphones, you can hang them on the headphone hook.



* Don't hang anything other than headphones on this hook, and don't apply excessive force to it. Doing so may damage the headphone hook.

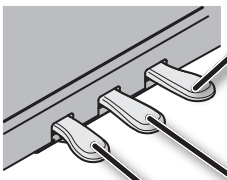
Front Panel

These buttons and sliders are used to operate the HPi-50.

"Operation Guide" page 10–13

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

Pedals



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. With the damper pedal on an acoustic piano, when you step on the pedal it will at first offer only a slight amount of resistance, but as you press down further it will start to feel much heavier. On the HPi-50, this change in the feeling of resistance is simulated. On an acoustic piano, when you step on the damper pedal, you'll first hear the sound of the dampers releasing the strings. Then, you should also be able to hear the sound of strings adjacent to the ones for the notes actually played resonate sympathetically, resulting in a rich, resounding tone. Additionally, when using half-pedaling techniques, the core of the sound disappears rapidly while a rich, spacious resonance remains, producing a unique form of reverberation. On the HPi-50, the unique, lingering tones produced by the half-pedaling technique are reproduced in addition to released-string sounds (Damper Noise) and resonating sounds (Damper 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 an acoustic piano. The softness of the tone can be varied subtly by the depth to which you press the pedal.

USB Memory Port

You can do the following things using a USB flash drive.

- WAVE files or MIDI files (SMF) data copied from your computer can be played back by the HPi-50. page 31
- You can make audio recordings of your performances on the HPi-50. page 40
- The audio recordings of songs that you've made can be played on your computer, or burned to a CD. page 41

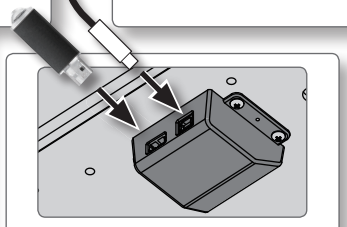
* Do not disconnect the USB flash drive while it is being read from, or written to (i.e., while the USB flash drive access indicator will blink).

* Carefully insert the USB flash drives all the way in-until it is firmly in place.

* Use a USB flash drive sold by Roland. We cannot guarantee operation if any other USB flash drive is used.

USB Port

If you use a commercially available USB cable to connect the HPi-50 to your computer, you'll be able to use MIDI-compatible software to record and play back the HPi-50's performance.



DC In Jack

Connect the included AC adaptor here.

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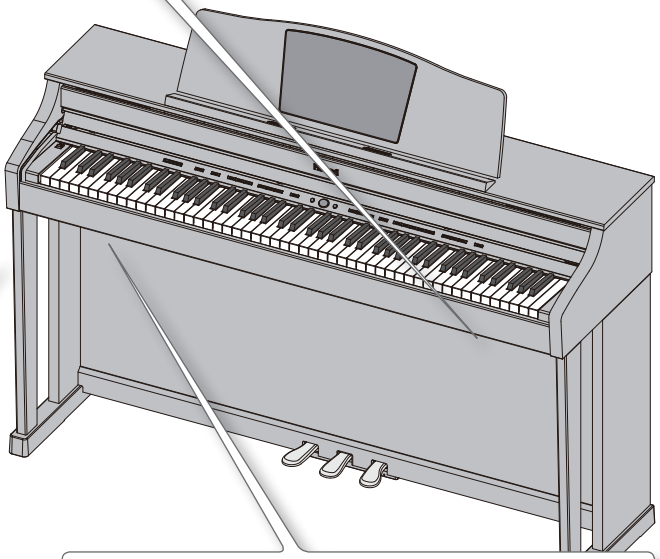
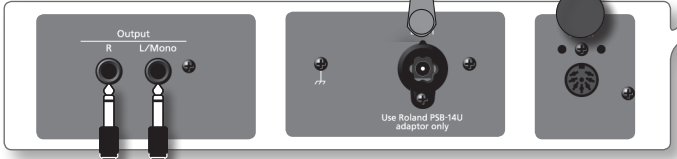
Pedal Connector

Connect the pedal cord of the dedicated stand to this connector.

page 72

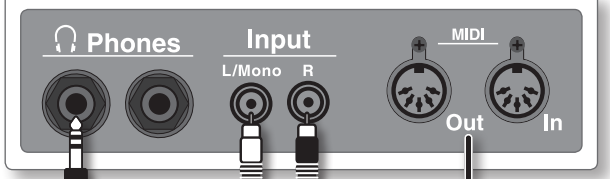
Rear side





Output Jacks

If you connect these jacks to amplified speakers, the sound of HPi-50 will be heard through them.



Phones Jacks

Here you can connect headphones.

The HPi-50 has two jacks, two people can also use headphones simultaneously

Don't forget to remove your headphone adaptor plug!

If you leave a headphone adaptor plug inserted in the Phone jack, no sound will be heard from the piano. If you don't hear sound from the piano, check the Phone jacks.

Input Jacks

If a digital audio player or other audio playback device is connected here, you'll be able to listen to its playback through the HPi-50.

The volume of the device connected to the Input jacks can be adjusted by means of Input Volume (p. 54).

MIDI Connectors

You can connect these to external MIDI devices.

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

* When connection cables with resistors are used, the volume level of equipment connected to the Input jacks may be low. If this happens, use connection cables that do not contain resistors.

Opening/Closing the Lid

To open the lid, use both hands to lift it lightly, and slide it away from yourself.

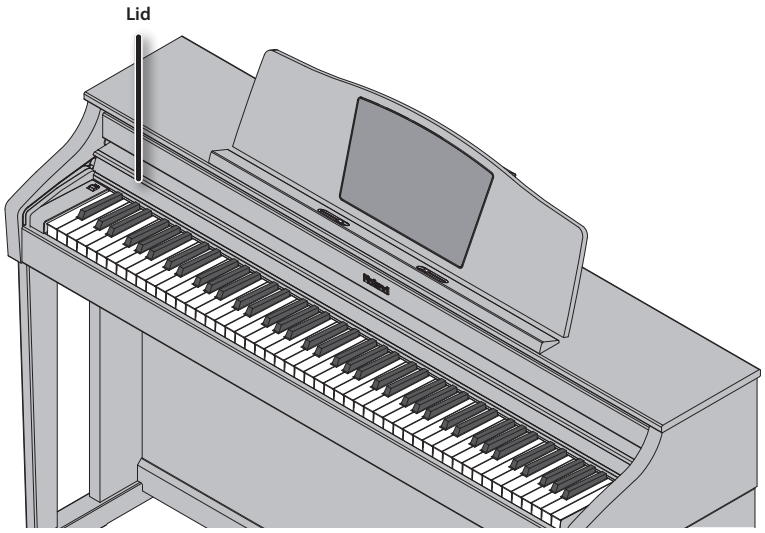
To close the lid, pull it gently toward yourself, and lower it softly after it has been fully extended.

NOTE

- When opening or closing the lid or operating the pedals, please be careful not to get your fingers pinched between the movable part and the panel. In places where small children are present, make sure that an adult provides supervision and guidance.
- If you need to move the piano, make sure the lid is closed first to prevent accidents.

Using the Lid to Conceal the Buttons (Classic Position)

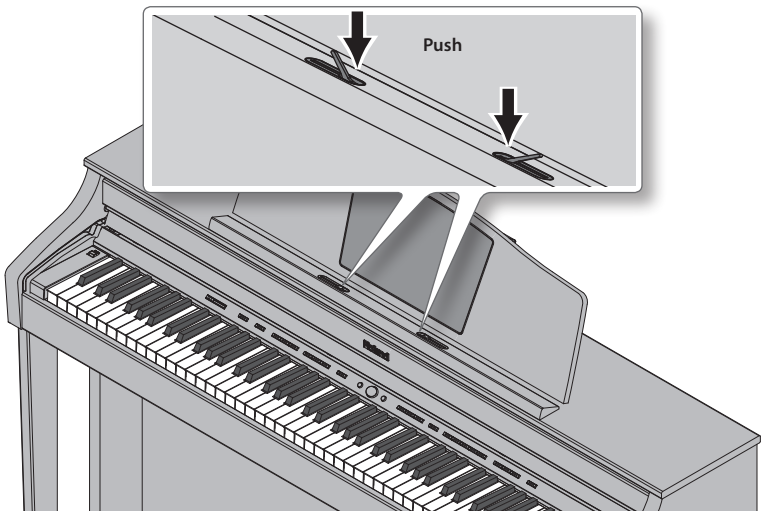
You can use the lid to conceal the buttons (Classic Position).
This allows you to concentrate on performing without being distracted by the buttons.



Using the Music Holders

You can use the holders to hold pages in place.

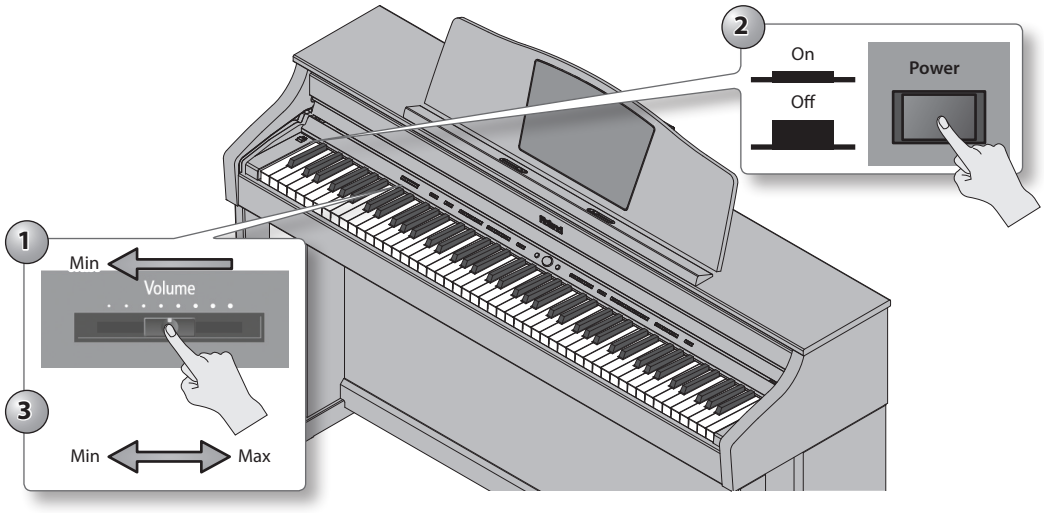
When not using the holders, leave them folded down.



Turning the Power On/Off

NOTE

- Once everything is properly connected, be sure to follow the procedure below to turn on their power. If you turn on equipment in the wrong order, you risk causing malfunction or equipment failure.
- Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.



Turning the power on

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

2. Press the [Power] switch.

The power will turn on, the music rest screen will show an opening animation, and then the notation screen (p. 14) will appear.

* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.

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

Turning the power off

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

2. Press the [Power] switch.

The screen goes blank and the power is turned off.

If you don't want the power to turn off automatically, change the "Auto Off" setting to "Off"!

With the factory settings, the HPi-50's power will automatically be switched off 30 minutes after you stop playing or operating the unit.

If the unit's power has been turned off automatically, you can use the [Power] switch to turn the unit back on again. If you don't want the power to turn off automatically, change the "Auto Off" setting to "Off" as described on "Making the Power Automatically Turn Off After a Time (Auto Off)" (p. 52).

NOTE

- When turning the power on again, you must allow at least five seconds after power-off before you once again turn the power on. If you fail to allow enough time, the Auto Off function might not be reset, preventing the power from turning on correctly.
- The settings will be initialized after the power has been turned off. If you want to still be retained the next time you turn on the power, you should refer to "Having Your Settings Be Retained after the Power Is Turned Off (Memory Backup)" (p. 12) and save your settings.

Performing with Various Sounds

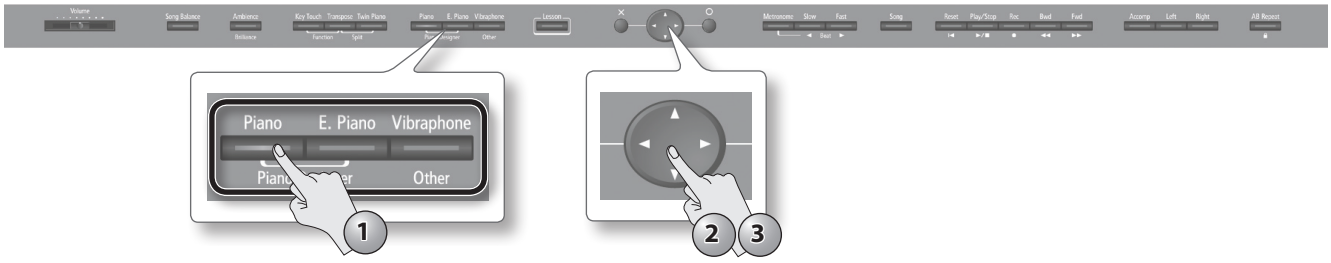
In addition to piano sounds, the HPi-50 lets you enjoy performing with many other sounds (348 types).

These sounds are called "Tones." The Tones are divided into three groups (p. 65), each of which is assigned to a different Tone button.

Switching Tones

Let's start by performing with a piano tone.

When you turn on the power, the "ConcertPiano" tone is selected.



1. Press a tone button.

The tone button will light, and the tone select screen will appear.

2. Use the cursor [◄] [►] buttons to switch tone categories.

Tone categories

Tone button	Explanation
[Piano] button	Selects grand piano sounds and the sounds of historical pianos.
[E. Piano] button	Selects electric piano sounds often used in pop and rock.
[Vibraphone/Other] button	Selects high quality vibraphone sound and various other sounds such as orchestral instruments, organ, bass, or accompaniment sounds. If you select the drum set category, you'll be able to play the sounds of a drum set from the keyboard. * If you've selected an organ sound for which the rotary effect (*1) is available, such as Combo Jz. Org or Ballad Organ, you can press the [Vibraphone/Other] button to switch the modulation speed of the rotary effect.

For details on the tones, refer to "Tone List" (p. 65).

*1 Rotary effect:
Rotary is an effect which simulates the sound of rotating speakers. There is a choice of two settings: Fast and Slow.

3. Use the cursor [▲] [▼] buttons to select a tone.

If you hold down a cursor button, the selected tone will change successively.

* If you've selected a drum set tone or an SFX set tone, some notes of the keyboard will not produce sound.

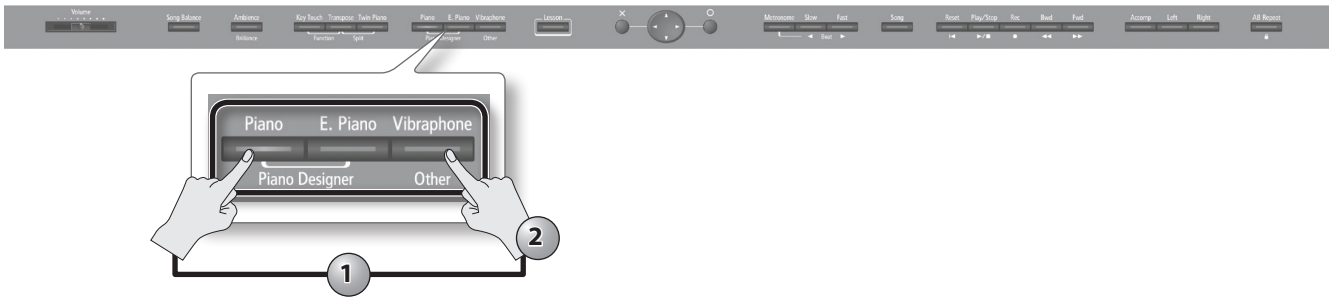
Auditioning tones

1. In the tone select screen, press the [○] button.

A phrase using the selected tone will play.

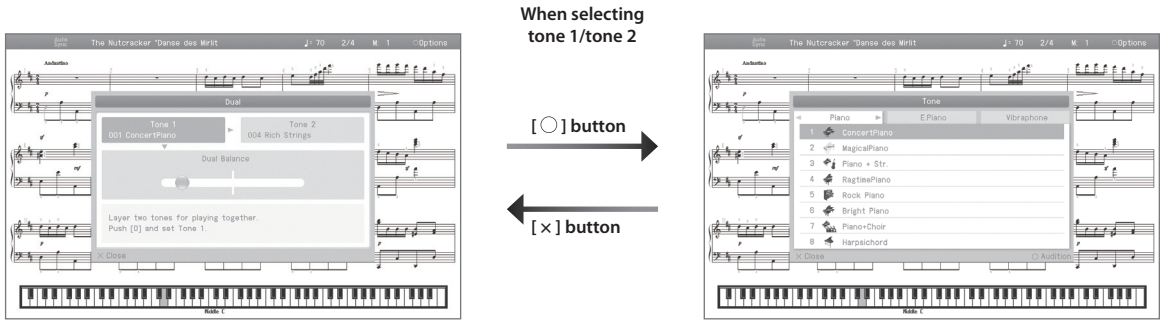
Performing with Two Layered Tones (Dual Play)

You can play two tones simultaneously from each note of the keyboard. This feature is called "Dual Play."



1. While holding down the [Piano] button or the [E. Piano] button, press the [Vibraphone/Other] button.

The tone select button will light, and the dual tone 1/tone 2 screen will appear.



Selecting tones for dual play

1. **Use the cursor [◄] [►] buttons to select tone 1 or tone 2.**
2. **Press the [○] button to access the tone select screen.**
3. **Use the cursor [◄] [►] buttons to select the tone category.**
4. **Use the cursor [▲] [▼] buttons to select the tone.**
   If you hold down a cursor button, the selected tone will change successively.
   * You can't select tones of the same category for tone 1 and tone 2.
5. **Press the [×] button to return to the dual tone 1/tone 2 screen.**

2. To exit Dual Play, press one of the tone buttons.

Dual balance

Here's how to adjust the volume balance between tone 1 and tone 2.

1. In the Dual Tone 1/Tone 2 screen, press the [▼] cursor button to select "Dual Balance."

2. Use the cursor [◄] [►] buttons to adjust the balance.

Advanced techniques

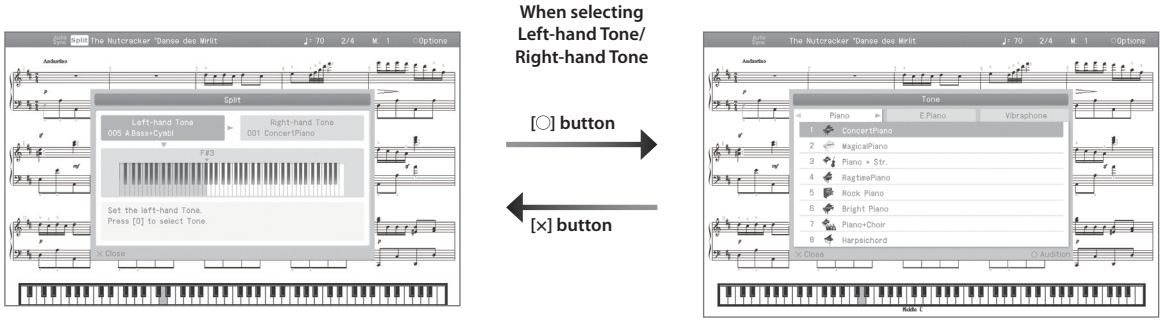
- Changing the pitch of tone 2 in octaves: "Octave Shift" (p. 54)
- Specifying the part affected by the damper pedal: "Right Pedal" (p. 55)

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

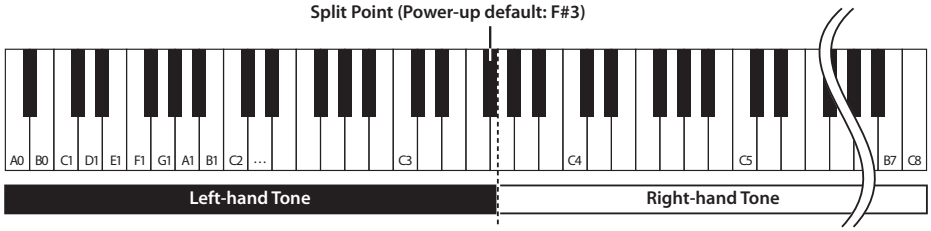
You can play different tones in the left- and right-hand sections of the keyboard, divided at the key you specify.
This feature is called "Split Play," and the key at which the keyboard is divided is called the "Split Point."

1. While holding down the [Transpose] button, press the [Twin Piano] button.

The Split Left-hand Tone/Right-hand Tone screen will appear.



When Split is turned on, the keyboard settings will be as follows.



Selecting the split tones

1. **Use the cursor [◄] [►] buttons to select the right-hand tone or left-hand tone.**
2. **Press the [○] button to access the tone select screen.**
3. **Use the cursor [◄] [►] buttons to select the tone category.**
4. **Use the cursor [▲] [▼] buttons to select the tone.**
   If you hold down a cursor button, the selected tone will change successively.
5. **Press the [×] button to return to the Left-hand Tone/Right-hand Tone screen.**

2. To exit Split Play, hold down the [Transpose] button and press the [Twin Piano] button once again.

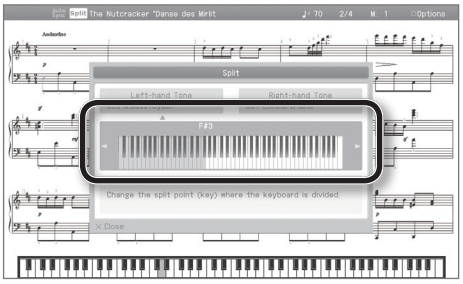
* Depending on which tones are being used together, the tones might sound different because no effect is applied to the left-hand zone.

Advanced techniques

- Specifying the part(s) affected by the damper pedal: "Right Pedal" (p. 55)
- Changing the pitch of the left-hand tone in octaves: "Octave Shift" (p. 54)

Changing the keyboard's split point

1. **In the Split Left-hand Tone/Right-hand Tone screen, press the [▼] cursor button to select the keyboard illustration.**



2. **Use the cursor [◄] [►] buttons to change the split point.**

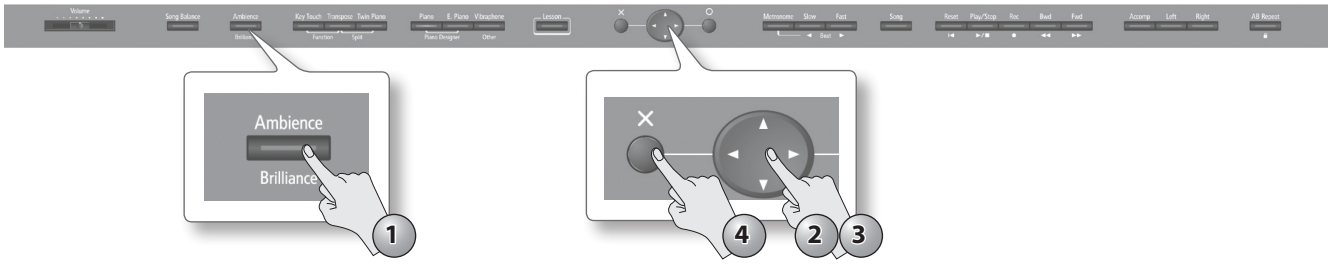
Item	Value
Split point	B1–B6

Adjusting the Sound to Your Taste

The HPi-50 lets you add reverberation or modify the brightness of the sound.

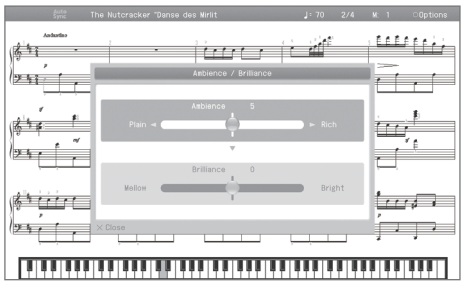
Adding Reverberation to the Sound (Ambience)/Adjusting the Brightness of the Sound (Brilliance)

You can add a pleasant reverberation to the sounds of the HPi-50, producing the impression that you are performing in a concert hall. This effect is called "Ambience."



1. Press the [Ambience/Brilliance] button.

The [Ambience/Brilliance] button will light, and the ambience/brilliance screen will appear.



2. Use the cursor [▲] [▼] buttons to select either "ambience" or "brilliance."

3. Use the cursor [◄] [►] buttons to adjust the depth of the effect.

Item	Value	Explanation
Ambience	0–10	Higher values apply deeper ambience.
Brilliance	1–10	Positive (+) values make the sound brighter; negative (-) values make the sound more mellow.

4. To turn off ambience and brilliance, press the [Ambience/Brilliance] button once again.

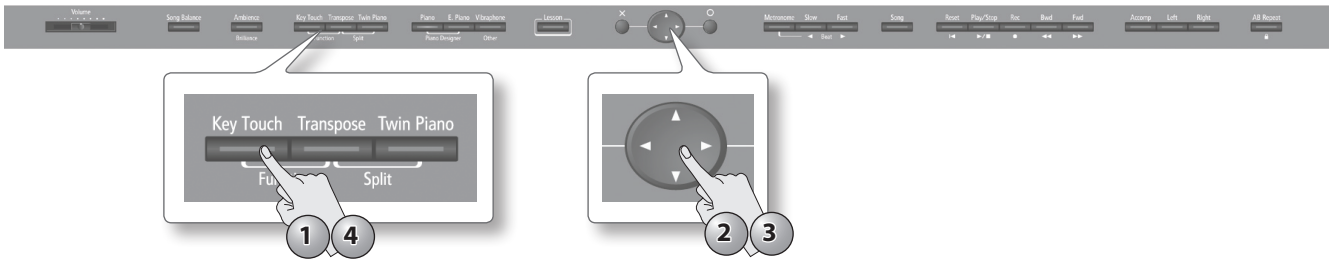
The [Ambience/Brilliance] button will go out.

MEMO

The on/off settings for ambience and brilliance will switch simultaneously.

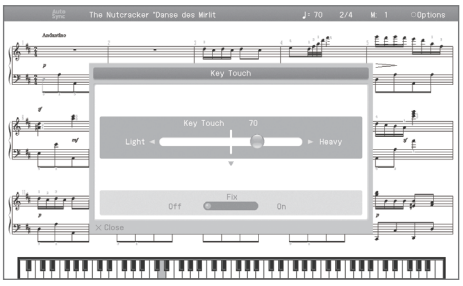
Adjusting the Keyboard Response (Key Touch)

The way in which the keyboard responds to your playing strength can be adjusted to your personal taste.



1. Press the [Key Touch] button.

The [Key Touch] button will light, and the key touch screen will appear.



2. Use the cursor [▲] [▼] buttons to select either the "Key Touch" or "Fix" switch.

3. Use the cursor [◄] [►] buttons to adjust the key touch.

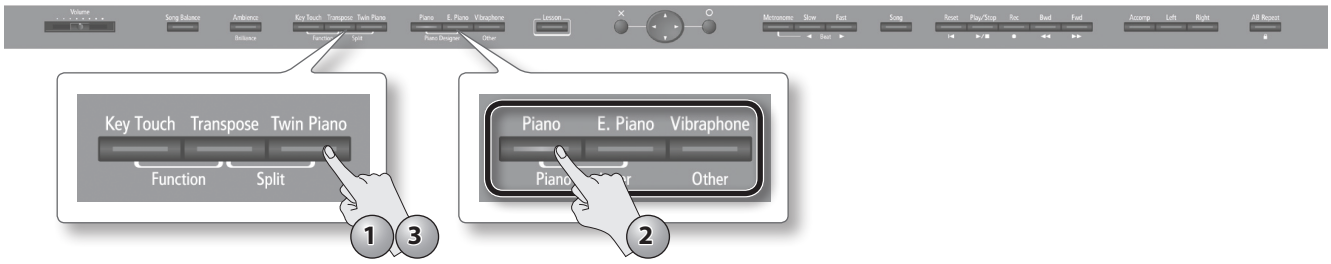
Item	Value	Explanation
Key Touch	1–100	Higher values will make the keyboard feel heavier. At a value of 50, the result is the same as when the [Key Touch] button is unlit.
Fix	OFF, ON	If this is on, notes will be sounded at a fixed volume regardless of how strongly you play the keyboard; the key touch setting will be ignored.

4. To turn off key touch, press the [Key Touch] button once again.

The [Key Touch] button will go out.

Dividing the Keyboard for Two-person Performance (Twin Piano)

You can divide the keyboard into left and right zones so that two people can play the same range of pitches, just as though there were two pianos.
This function is called "Twin Piano."
For example, Twin Piano allows two children to play different songs at the same time.



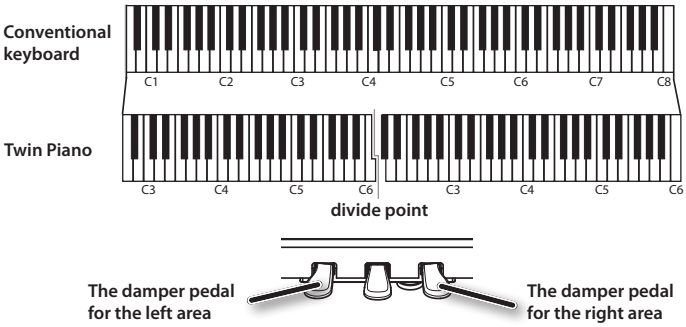
1. Press the [Twin Piano] button.

The [Twin Piano] button will light, and the Twin Piano screen will appear.

When you turn Twin Piano on, the keyboard and pedal settings will be as shown in the illustration.

NOTE

If Twin Piano is on, damper resonance will not be applied; this may cause the piano to sound different.



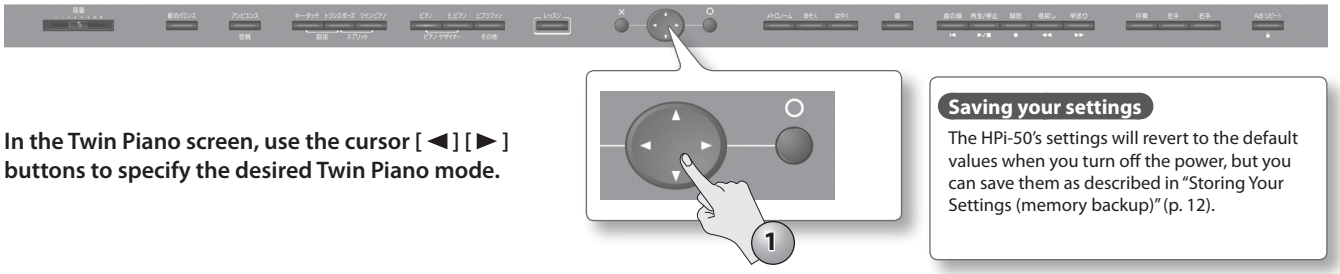
2. Select the tone to be played (p. 20).

The left and right sections will have the same tone.

3. To cancel Twin Piano, press the [Twin Piano] button once again.

The [Twin Piano] button will go out.

Changing the way in which the sound is heard (twin piano mode)



1. In the Twin Piano screen, use the cursor [◄] [►] buttons to specify the desired Twin Piano mode.

Saving your settings

The HPi-50's settings will revert to the default values when you turn off the power, but you can save them as described in "Storing Your Settings (memory backup)" (p. 12).

Item	Value	Explanation
Twin Piano Mode	Individual	Two people using headphones can practice independently. The sound of the right-hand keyboard zone will be heard only from the right speaker. The sound of the left-hand keyboard zone will be heard only from the left speaker. When using headphones, you won't be able to hear the other person's playing. * Ambience will turn off. * For some tones, the sound might not be divided to left and right. * If using headphones, connect them to the left Phones jack if playing the left keyboard zone; connect them to the right Phones jack if playing the right keyboard zone. * If you record while this is set to Individual, the playback might not be the same as what you heard during recording.
	Pair	Two people can practice together. The sound of the right-hand keyboard zone will be heard more loudly from the right speaker than from the left speaker. The sound of the left-hand keyboard zone will be heard more loudly from the left speaker than from the right speaker. When using headphones, you'll be able to hear the other person's playing.

Shifting the Pitch (Transpose)

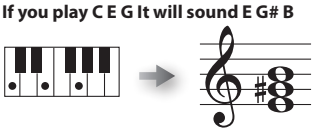
"Transpose" means to shift the pitches of songs and the keyboard.

The Transpose function makes it easy to do the following.

- You can use unchanged fingering to accompany a singer who is singing in a key different than the original music.
- A song written in a difficult key with numerous sharps (♯) or flats (♭) can be performed in a key that's easier for you to play.
- Notation of a transposing instrument such as trumpet or sax can be played as written, while hearing the transposed pitches.

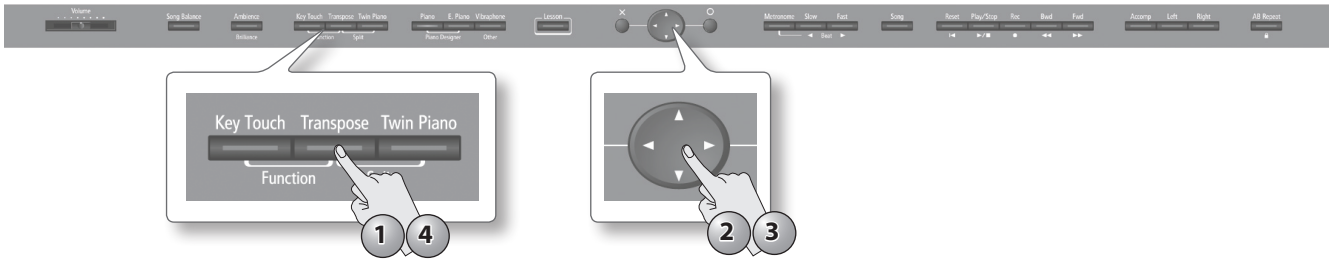
For example if the song is written in E major but you want to play it using the fingering of the key of C major, you would set Transpose (Keyboard) to "4."

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



MEMO

- With the factory settings, both the song and the keyboard will be transposed. If you want to transpose only the song or only the keyboard, turn the "Link" setting on/off as necessary.
- If you want to transpose an audio file, refer to "Transposing an Audio File (Audio Transpose)" (p. 54).



1. Press the [Transpose] button.

The [Transpose] button will light, and the Transpose screen will appear.

2. Use the cursor [▲] [▼] buttons to select a parameter.

3. Use the cursor [◄] [►] buttons to specify the transposition for the keyboard or song, or turn link on/off.

Item	Value	Explanation
Keyboard	-6–0–6 (semitone units)	Specifies transposition for the keyboard. Positive (+) values raise the pitch in semitone steps, and negative (-) values lower the pitch in semitone steps.
Song	-6–0–6 (semitone units)	Specifies transposition for the song. Positive (+) values raise the pitch in semitone steps, and negative (-) values lower the pitch in semitone steps.
Link	ON, OFF	If this is on, transposition settings for the keyboard and the song will change in tandem. If this is off, transposition settings for the keyboard and the song can be made independently.

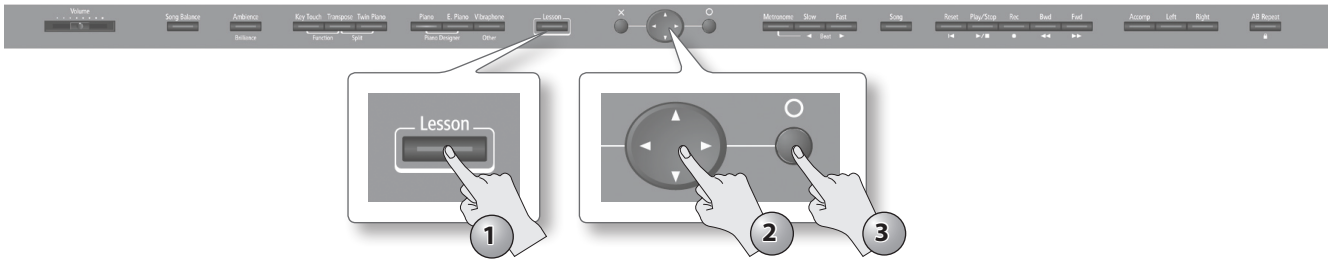
* The transpose setting will be cleared when you select a different song.

4. To cancel the transposition, press the [Transpose] button once again.

The [Transpose] button will go out.

Playing Games

Here you can enjoy playing games that teach the basics of the piano and familiarize you with the keyboard.



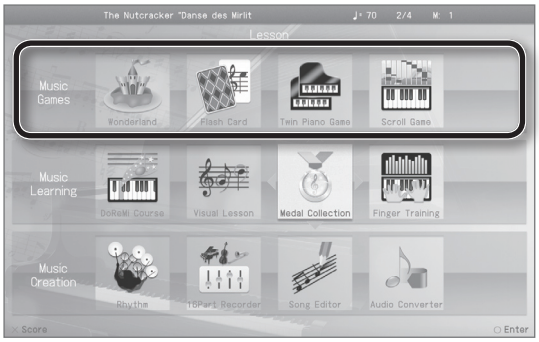
1. Press the [Lesson] button.

The [Lesson] button will light, and the "Lesson" screen will appear.

2. Use the cursor [▲] [▼] [◄] [►] buttons to select the game that you want to play.

3. Press the [○] button to confirm your choice.

Follow the instructions on the screen, and enjoy the game.

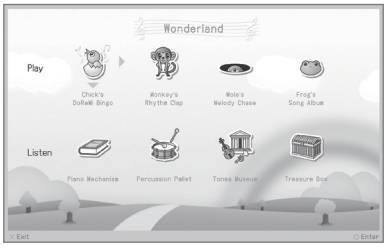


About the HPi-50's built-in games

Wonderland

Wonderland contains the following applications that will enjoyably familiarize you with notes and sounds.

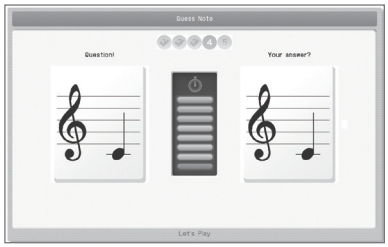
Application	Explanation
Chick's DoReMi Bingo	A chick will hatch when you play the key corresponding to the note you hear. Help the chicks hatch out of their shells!
Monkey's Rhythm Clap	When you play the keyboard in time with the rhythm, a monkey will grab a banana. As you gain skill, the monkey will climb a tree.
Mole's Melody Chase	Catch a mole by playing the key from which the mole emerges. Can you catch all of those pesky moles?
Frog's Song Album	Practice singing along with the frog. Maybe you can learn to sing better than the frog!
Piano Mechanism	Here you can learn how a piano works. Become a piano expert!
Percussion Pallet	Here you can play the sounds of various percussion instruments. Try out various rhythms.
Tones Museum	Here you can play the sounds of various instruments. Try playing your favorite songs.
Treasure Box	Here you can play a variety of sound effects. Try creating a story using sound effects.



Flash Card

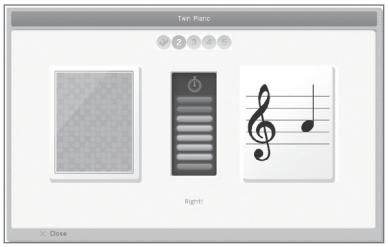
In this game you'll use the keyboard to play the note (chord) that you hear or the note (chord) you see in the on-screen notation.

This game will improve your sense of pitch.



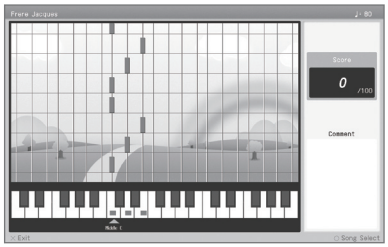
Twin Piano Game

Use the right side of the keyboard to match the note played on the left side. Improve your sense of pitch through this enjoyable parent/child experience.



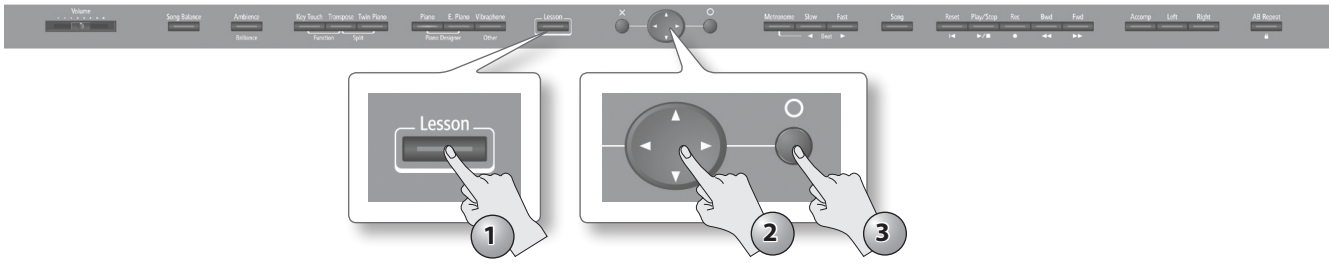
Scroll Game

Play according to the scrolling bars. As you keep trying, you'll become familiar with the keyboard.



Practicing with DigiScore

You can enjoy piano lessons by playing games or performing while you view the on-screen notation.



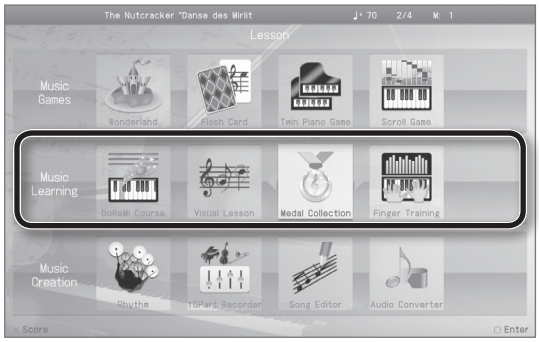
1. Press the [Lesson] button.

The [Lesson] button will light, and the "Lesson" screen will appear.

2. Use the cursor [▲] [▼] [◄] [►] buttons to select the lesson application that you want to use.

3. Press the [○] button to confirm your choice.

Follow the instructions on the screen, and enjoy the game.

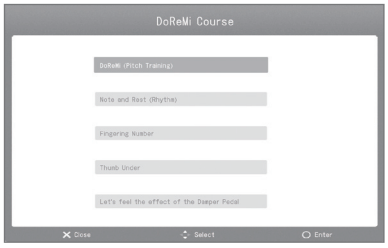


About the HPi-50's built-in lesson applications

Do Re Mi Course

The Do Re Mi Course teaches you about reading musical notation and the location of the notes on the keyboard. The Do Re Mi Course includes the following applications.

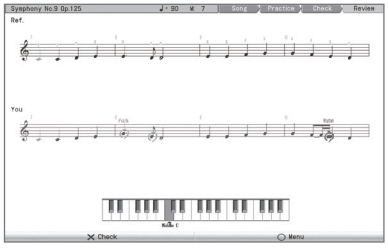
Application	Explanation
DoReMi (Pitch Training)	Here you'll learn the location of the keys, the notes, and their names.
Note and Rest (Rhythm)	This game teaches the length of notes and rests.
Fingering Number	Here you'll learn the fingering numbers while you play a song.
Thumb Under	This lets you practice crossing your thumb.
Let's feel the effect of the Dumper Pedal	This helps you learn how the damper pedal affects the sound.



Visual Lesson

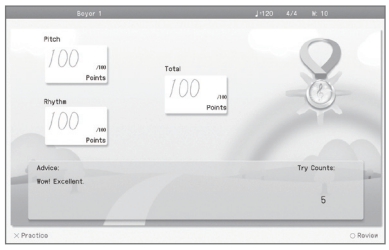
You'll be graded on how well you play along with the performance examples.

Course	Explanation
Beginner's	You'll be graded on how well your right hand played the right-hand part.
Repertoire	You'll be graded on how well you played the example.



Medal Collection

Learn to play a song, and you'll win a gold, silver, or bronze medal according to your level.

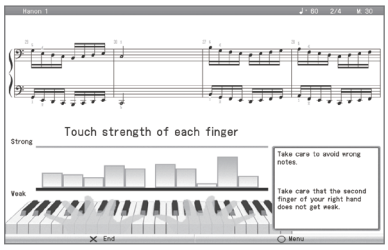


You can also enjoy the Medal Collection game with songs from Favorites.

Storing a song in Favorites page 32

Finger Exercises

Here you can practice while checking the force with which each finger strikes the keys.



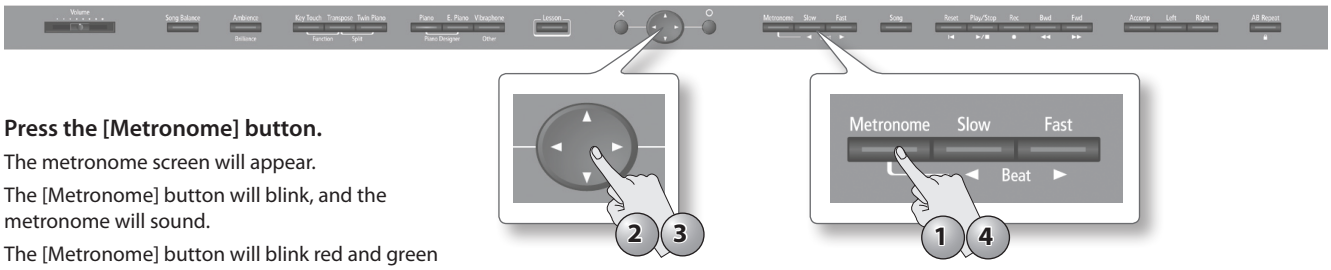
Start practicing at a slow tempo, and speed up gradually.

The practice songs are from Hanon.

Practicing with the Metronome

Here you can practice keeping an accurate rhythm while listening to the metronome.

The HPi-50's metronome allows you to change the volume and time signature for the metronome, as well as the way in which the beats are divided.

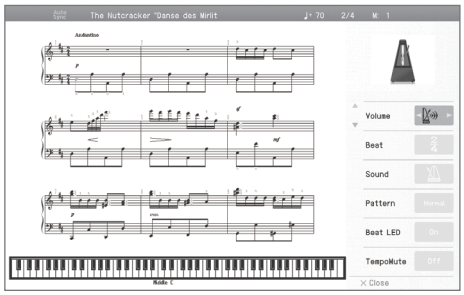


1. Press the [Metronome] button.

The metronome screen will appear.

The [Metronome] button will blink, and the metronome will sound.

The [Metronome] button will blink red and green according to the currently selected time signature; red indicates the strong beats, and green indicates the weak beats.



2. Use the cursor [▲] [▼] buttons to select the item that you want to set.

3. Use the cursor [◄] [►] buttons to change the setting.

To return to the previous screen, press the [×] button.

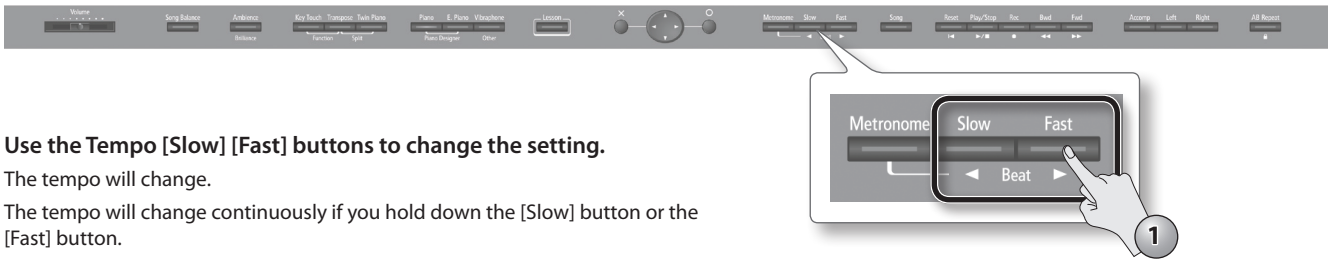
Item	Setting
Volume	OFF (no sound) Minimum ... Maximum
Beat	2/2, 0/4 (only weak beats), 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 * You can't change the "Time signature" setting while a song is playing.
Sound	Click, Electronic sound, ichi, ni, Voice (Japanese "1,""2,""3," ...), One, two, Voice (English "1,""2,""3," ...), Dog & cat, Woodblock, Triangle & castanet, Hands clapping
Pattern	Normal, Dotted half note, Half note, Dotted quarter note, Quarter note, Dotted eighth note, Eighth note, Sixteenth note, +Double Add a note to the back beat of the every beat, +Triple Add notes to make the every beat a triplet, +Shuffle Add notes to create a shuffle
Beat LED	Switches the [Metronome] button's indicator between lit and unlit.
Tempo Mute	Specifies whether playback will occur at the tempo specified by the song or at a fixed tempo (i.e., without using the tempo data embedded in the song).

4. To stop the metronome, press the [Metronome] button once again.

The [[Metronome] button will go out.

Changing the Tempo

Here's how to change the tempo of the metronome or song.



1. Use the Tempo [Slow] [Fast] buttons to change the setting.

The tempo will change.

The tempo will change continuously if you hold down the [Slow] button or the [Fast] button.

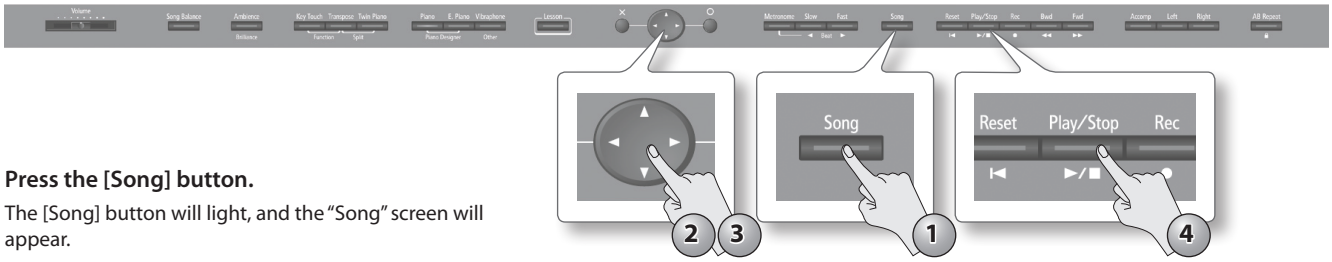
Practicing with a Song

Here's how you can practice one hand at a time, or practice along with an accompaniment.

Selecting and Playing a Song

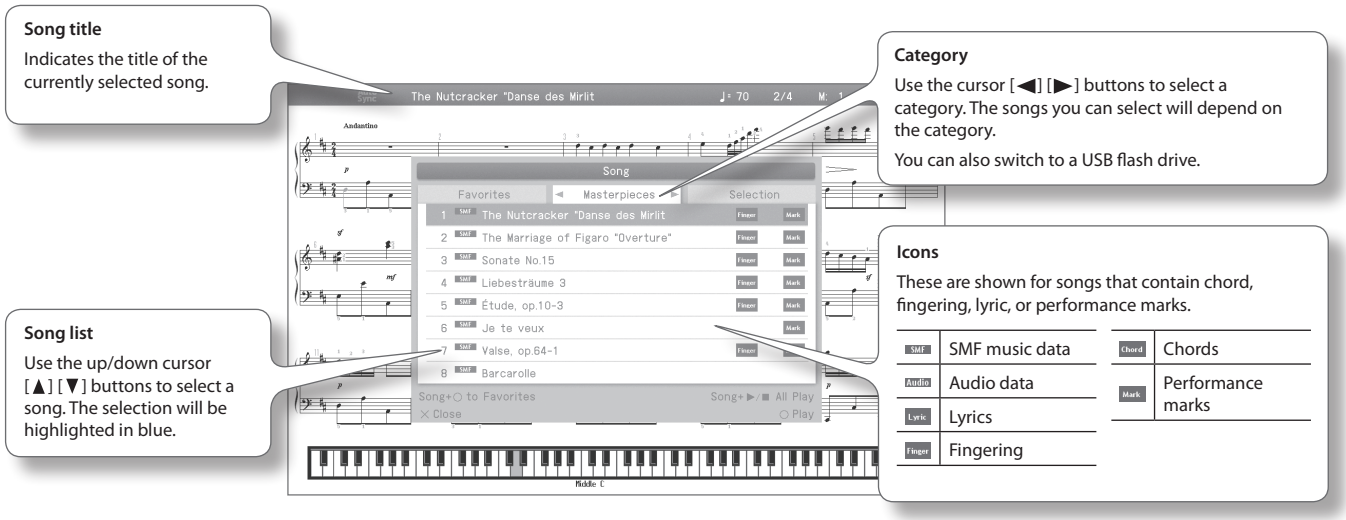
Let's listen to the built-in songs. The HPi-50 provides a variety of built-in songs, which are organized into various categories.

* Copyright law prohibits unauthorized use of these built-in songs for any purpose other than personal enjoyment.



1. Press the [Song] button.

The [Song] button will light, and the "Song" screen will appear.



2. Use the cursor [◄] [►] buttons to select a category.

3. Use the cursor [▲] [▼] buttons to select a song from the list.

If you hold down a cursor button, the selected song will change continuously.

4. Press the [►/■] (Play/Stop) button.

When the song has played to its end, playback will stop.

To pause the playback, press the [►/■] (Play/Stop) button once again.

The next time you press the [►/■] (Play/Stop) button, playback will resume from where you paused.

5. Press the [Song] button or the [×] button to close the song screen.

Category	Explanation
USB Memory	Songs saved on a USB flash drive
Favorites	Songs saved in Favorites (internal memory)
Masterpieces	The HPi-50's built-in songs
Selection	
Kids	
Beyer	
Burgmüller	
Czerny100	
Czerny30	
Hanon	
Invention	

page 66

Playing WAV or MIDI files (SMF) from your computer on the HPi-50

1. Copy the song data from your computer to a USB flash drive.

2. Insert the USB flash drive into the HPi-50.

3. In the song select screen, choose "USB Memory" as the category.

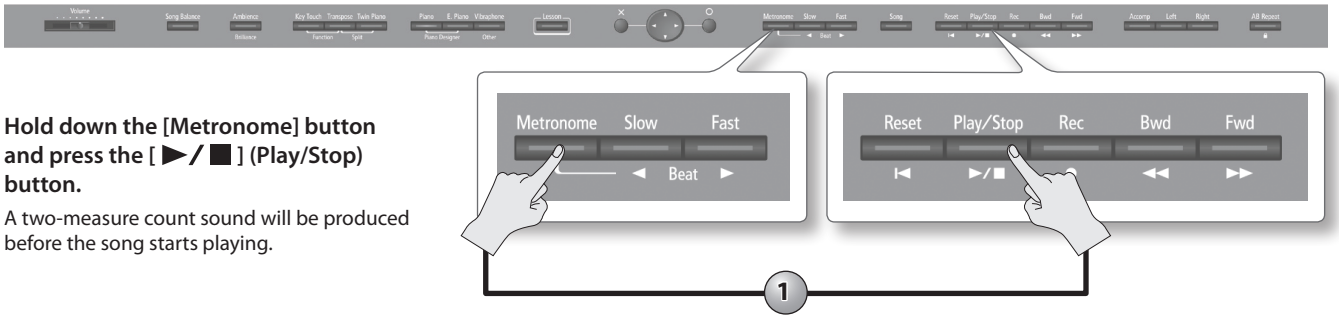
4. From the list, select and play the song that you copied to the USB flash drive.

* Depending on the data, it may not be played back correctly.

Adding a Count-in to Synchronize Your Performance

A series of sounds rhythmically played to indicate the tempo before a song starts is called a "count-in."

Sounding a count will make it easier for you to begin playing at the correct moment when you're playing along with a song.

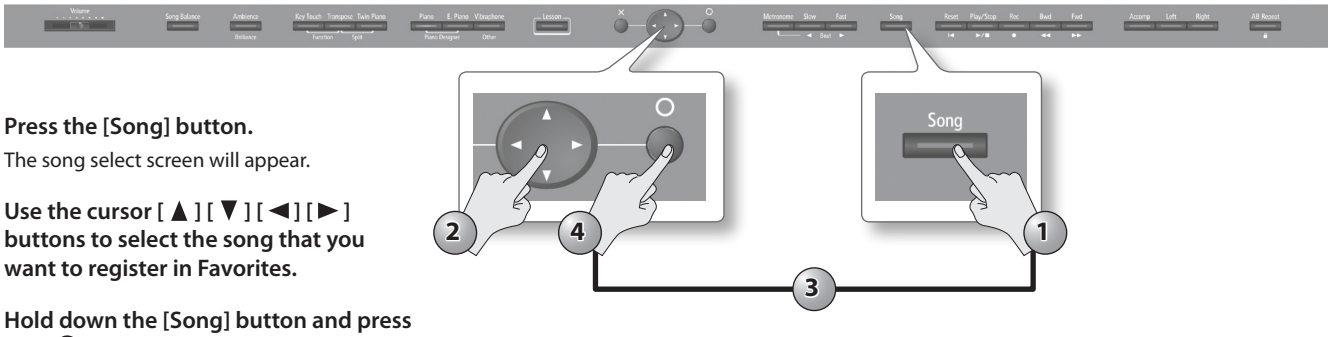


1. Hold down the [Metronome] button and press the [▶/■] (Play/Stop) button.

A two-measure count sound will be produced before the song starts playing.

Storing a Song in Favorites

Here's how a song stored in internal memory or on a USB flash drive can be registered in Favorites.



1. Press the [Song] button.

The song select screen will appear.

2. Use the cursor [▲] [▼] [◀] [▶] buttons to select the song that you want to register in Favorites.

3. Hold down the [Song] button and press the [○] button.

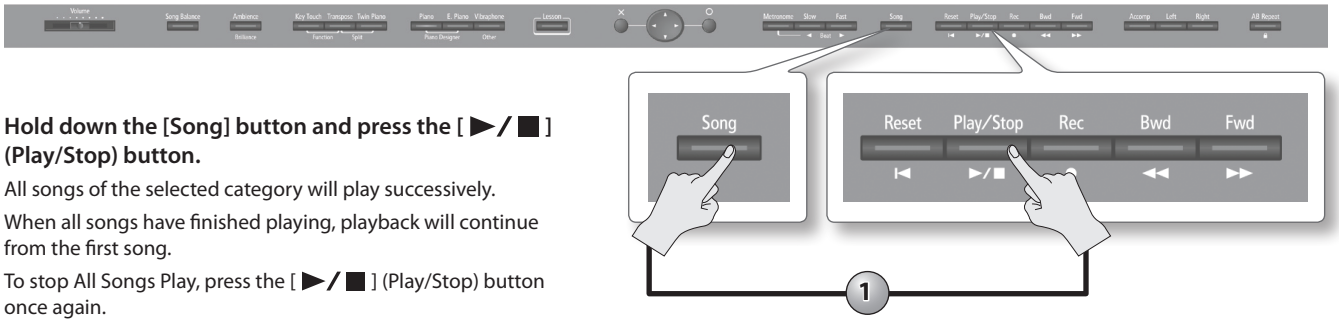
A confirmation screen will appear.

4. Choose "OK" and press the [○] button.

The song will be registered in Favorites.

Playing Songs Consecutively (All Songs Play)

You can consecutively play back the built-in songs or the songs saved in Favorite (internal memory) or on a USB flash drive. This function is called "All Songs Play."



1. Hold down the [Song] button and press the [▶/■] (Play/Stop) button.

All songs of the selected category will play successively.

When all songs have finished playing, playback will continue from the first song.

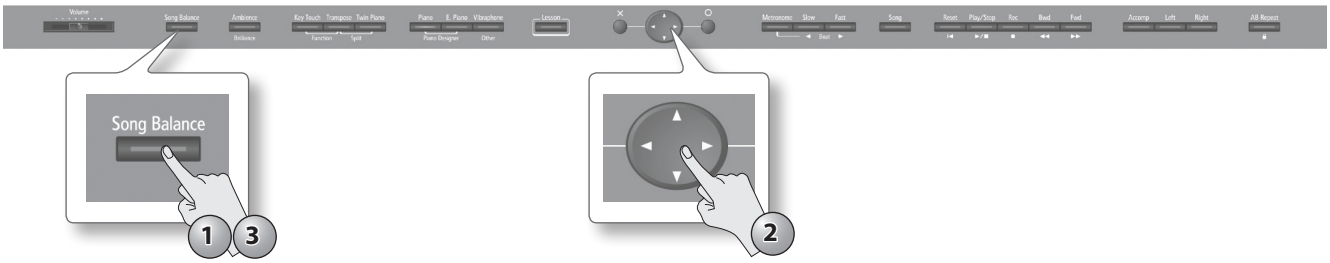
To stop All Songs Play, press the [▶/■] (Play/Stop) button once again.

MEMO

All Songs Play will turn off when you stop playback or turn off the power.

Adjusting the Volume Balance of the Song and the Keyboard Performance (Song Balance)

You can adjust the balance between the song and your keyboard performance by changing the volume of the song.



1. Press the [Song Balance] button.

The [Song Balance] button will light, and the Song Balance screen will appear. .

2. Use the cursor [◄] [►] buttons to adjust the balance between the sound of your performance and the accompaniment.

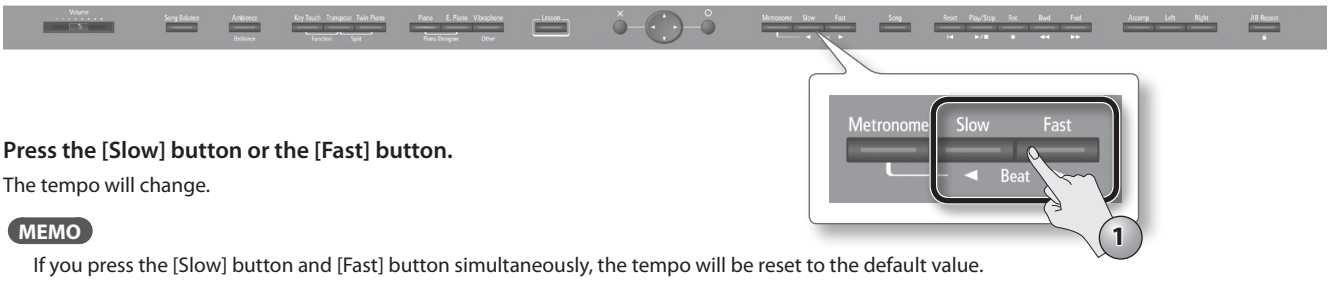
3. To cancel the Song Balance function, press the [Song Balance] button once again.

The [Song Balance] button will go out.

Adjusting a Song's Tempo for Easier Practicing

You can change the tempo at which a song plays back.

For a difficult song that contains rapid phrases, you can slow down the tempo and practice at a comfortable speed.



1. Press the [Slow] button or the [Fast] button.

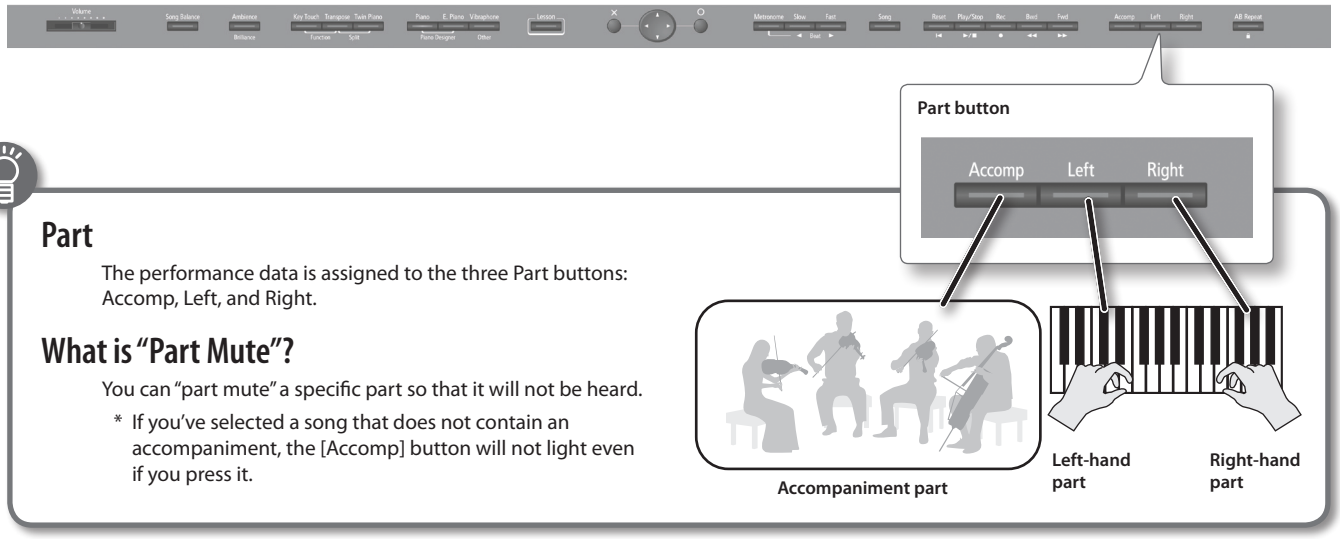
The tempo will change.

MEMO

If you press the [Slow] button and [Fast] button simultaneously, the tempo will be reset to the default value.

Practicing One Hand at a Time (Part Mute)

Here's how to have only the selected part play back. This allows you to practice playing the left or right-hand part of a song while listening to the other hand played automatically.



Part

The performance data is assigned to the three Part buttons: Accomp, Left, and Right.

What is "Part Mute"?

You can "part mute" a specific part so that it will not be heard.

* If you've selected a song that does not contain an accompaniment, the [Accomp] button will not light even if you press it.

1. Press the part button for the part that you want to mute.

The button you pressed will go out, and the selected part will not be heard (or will be heard at a reduced volume).

MEMO

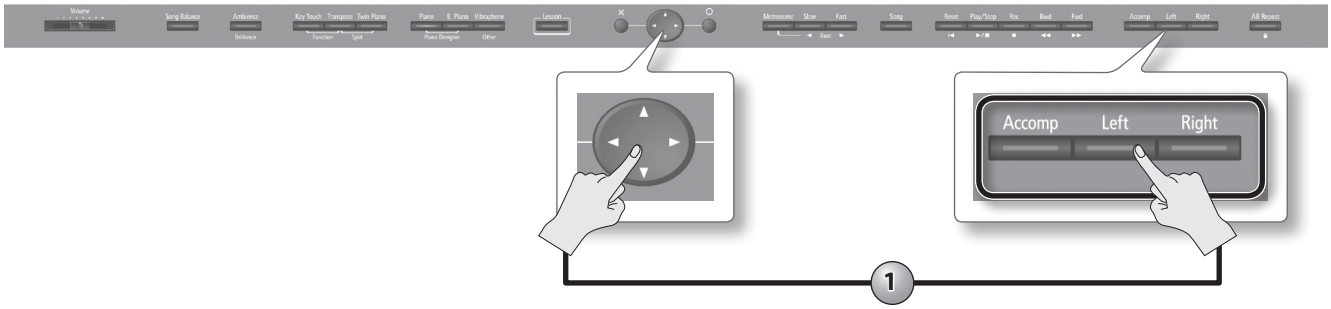
- The mute setting will be cancelled when you switch songs.
- Although the Part Mute function cannot be used with respect to the playback of an audio file, you can reduce the volume during playback of sounds that are localized at the center of the sound field, such as vocals or bass. See "Playing Back an Audio File with Its Central Sound Minimized" (p. 54).

2. To un-mute the sound, press the part button once again so it's lit.

Using the sound of a specific part as a "guide" (mute volume)

If desired, you can specify that the sound of a part will play at a reduced volume rather than going completely silent when you press a part button and turn off its indicator.

This setting lets you play a specific part at a reduced volume and use it as a "guide" for your playing.



1. While holding down the part button, use the cursor [◄] [►] buttons to adjust the mute volume.

Repeatedly Practicing a Portion of a Song (AB Repeat)

Here's how you can repeatedly play back a specified portion of the song. You can use this function to repeatedly practice that portion.

1. Press the [▶/■] (Play/Stop) button.

The song will play back.

2. Press the [AB Repeat] button at the point where you want to start repeating (point A).

The [AB Repeat] button will blink.

If the notation screen is displayed, an "A" symbol will appear at the measure you specified.

3. Press the [AB Repeat] button at the point where you want to stop repeating (point B).

The [AB Repeat] button will light, and repeat playback will begin.

If the notation screen is displayed, an "B" symbol will appear at the measure you specified.

4. To cancel the repeat function, press the [AB Repeat] button once again.

The [AB Repeat] button will go out, and the repeat region settings will be cleared.

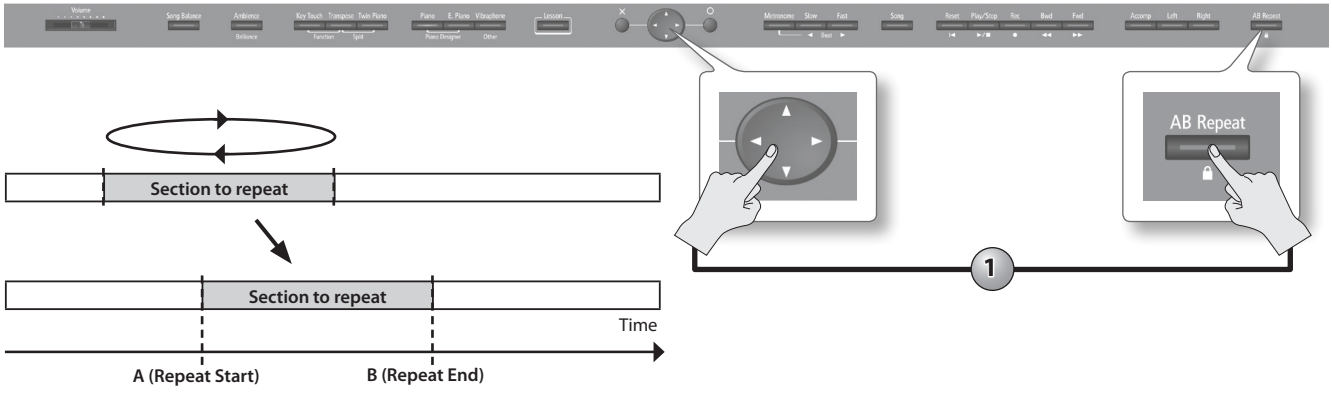
If the notation screen is displayed, the "A" and "B" symbols will disappear.

MEMO

- The repeat points can be specified in measures of beats for an SMF song, or in 1/100ths of a second for audio.
- Instead of playing back the song, you can also specify the portion to repeat by using the [◀◀] [▶▶] buttons.

Moving the portion to repeat forward or backward

When AB Repeat is on, you can move the repeated portion forward or backward.



1. Hold down the [AB Repeat] button and use the cursor [◀] [▶] buttons.

The repeated portion will be moved without its length being changed.

Recording

It's easy to record your own performances.
You can play back a recorded performance to check your playing, or perform along with a recorded performance.
The HPi-50 can record SMF and audio.

SMF Recording and Audio Recording

Type of recording	Explanation
SMF recording	The musical performance is recorded as data that describes everything that happened, such as which notes were played, and for how long and how strongly. This method of recording allows you to record the parts separately, or to re-record just a specific region of the song. You can also do overdubbing. A song recorded using SMF recording can be viewed as a DigiScore in the notation screen. * Normally, you should use SMF recording.
Audio recording	Your performance will be recorded as audio data. The recorded song can be used on your computer. * In order to use audio recording, you must connect a USB flash drive (sold separately) to the USB memory port (p. 17). * The HPi-50's piano sound reproduces the depth and spatial feel of a piano by emitting different sounds from the multiple speakers built into the instrument (Acoustic Projection). If you record your performance as audio, the song will be recorded as two-channel (stereo) data, meaning that the Acoustic Projection effect will not be reproduced. (The Acoustic Projection effect is reproduced when you play the keyboard or when you play back a song that was recorded as SMF data.)

* SMF (Standard MIDI File) is a unified format for handling MIDI-format music data. A wide variety of SMF data can be purchased for listening enjoyment, instrumental practice, or karaoke.

Getting Ready to Record

1. Hold down the [Key Touch] button and press the [Transpose] button to access the setup screen.

2. Choose the desired recording method.

Recording method	Value	Explanation
Recording Mode	SMF	The song will be recorded in SMF format.
	Audio	The song will be recorded in audio format.
Mix Recording	Off	When you record over existing material, the previously recorded part will be erased as the new performance is recorded.
	On	When you record over existing material, the newly recorded performance will be combined with the existing performance of the recorded part.

MEMO

You can also change the recording mode by holding down the record button and using the cursor [◄] [►] buttons.

3. If you want to overdub an SMF song, select the song that you want to overdub (p. 31).

* You can't overdub onto an audio song.

4. Select the tone that you want to use for performing (p. 20).

5. If desired, sound the metronome (p. 30).

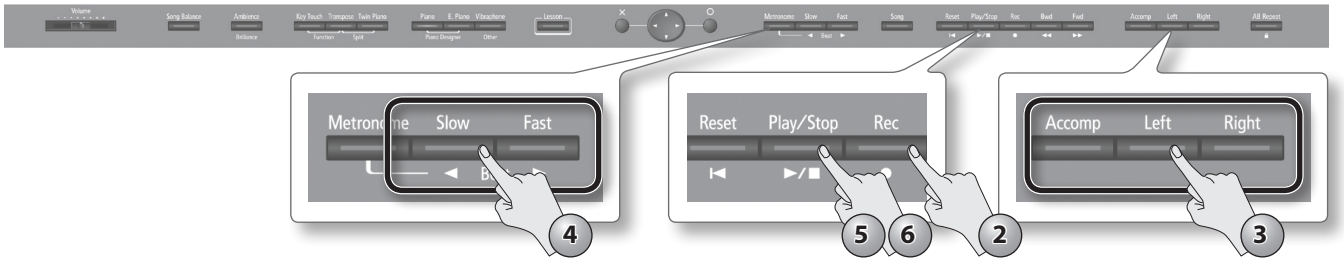
How the recorded parts correspond to the part buttons

The recorded performance is assigned to the part buttons as follows.

Conventional Play (playing one tone from the entire keyboard)/Dual Play

Part button	Performance that will be recorded
Record with only one part specified	Your performance will be recorded on the part you specified.
Record with multiple parts specified	[Right] [Left] parts → [Accomp] part.

Making a New SMF Recording

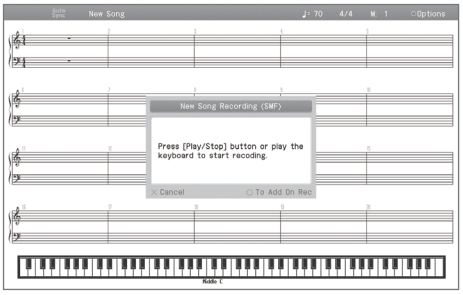


1. As described in "Getting Ready to Record" (p. 36), turn mix recording on/off and select the recording mode.

In this example, turn mix recording "off" and choose "SMF" as the recording mode.

2. Press the [●] (Rec) button.

The [●] (Rec) button will light, the [▶/■] (Play/Stop) button will blink, and the HPi-50 will enter the recording-standby state in new recording mode.



	Explanation
New Song	A new song will be recorded.
Add On	Record an parts while listening to the recorded song (SMF only). For details refer to "Overdubbing a Recorded Song" (p. 39).

If you decide to cancel recording, press the record button once again.

3. As necessary, use the part buttons to select the part(s) that you want to record.

Your performance will be recorded on the part(s) whose button is blinking.

You can choose the following parts.

- [Right] part and [Left] part (the performances of both hands)
- [Right] part
- [Left] part
- [Accomp] part

When using Split or Twin Piano, your performance will be divided at the split point and assigned to the [Right] and [Left] parts for recording.

4. As necessary, use the [Slow] [Fast] buttons to set the tempo.

5. Press the [▶/■] (Play/Stop) button.

After a two-measure count is heard (the measure number is shown as "-2" and "-1"), recording will start.

When recording starts, the [●] (Rec) button and [▶/■] (Play/Stop) button will light.

MEMO

You can also start recording by playing the keyboard while in the recording-standby state. In this case, recording starts immediately and no count will be sounded.

6. Press the [▶/■] (Play/Stop) button.

Recording will stop, and a screen allowing you to save the song will appear.

Refer to "Saving a Song" (p. 38).

Twin Piano (p. 26)/Split Play (p. 22)

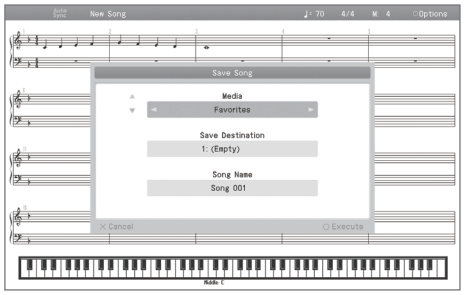
Part button	Performance that will be recorded	
	Twin Piano	Split Play
[Right] button	Right side	Right-hand tone
[Left] button	Left side	Left-hand tone

Saving a Song

You can assign a name to the recorded song or the currently selected SMF, and save it in Favorites (internal memory) or on a USB flash drive.

The song save screen will appear when you choose "Save Song" in the setup screen, when you finish recording, and when you edit the song in "16 part recorder" or "Song Edit."

* Audio songs can't be saved in Favorites (internal memory).



NOTE

If you turn off the HPi-50's power without saving your recorded performance, that performance will be lost. If you want to keep your recorded performance, you must save it as described below.

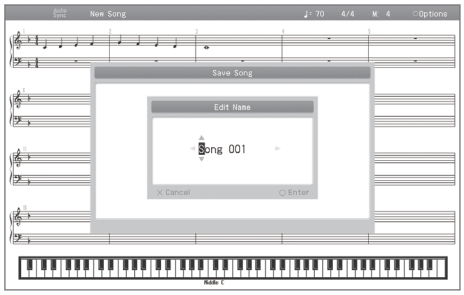
1. The song save screen will appear when you stop recording or when you switch songs.

2. Use the cursor [▲] [▼] buttons to select the Media and Save Destination, and use the cursor [◄] [►] buttons to change the setting.

You can't select a USB flash drive as the media unless a USB flash drive is connected to the USB memory port.

If a folder is selected as the save destination, you can enter that folder by pressing the [►/■] (Play/Stop) button.

3. If you want to change the song title, use the cursor [▲] [▼] buttons to select the Song Name and then press the [►] cursor button.



Use the cursor [◄] [►] buttons to select the character that you want to change, and use the cursor [▲] [▼] buttons to change the character.

To confirm the name, press the [○] button.

If you decide to cancel the name change, press the [×] button.

4. Press the [○] button; the song will be saved to the specified media, destination, and song title.

If a folder is selected as the save destination, you can't save by pressing the [○] button.

If you save to a song number for which a song title is shown, the newly saved song will overwrite the previously saved song.

NOTE

Never turn off the power while the screen indicates "Executing..."

Cancelling the song save operation

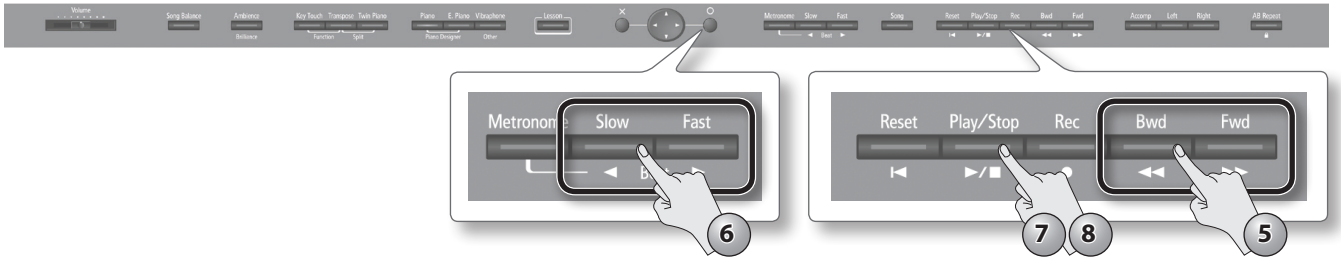
1. You can cancel the song save operation by pressing the [×] button in the song save screen.

If you've previously recorded or edited, the following confirmation screen will appear.

Use the cursor [◄] [►] buttons to select "OK" and then press the [○] button; the song you recorded or edited will be erased.

Overdubbing a Recorded Song

While listening to a recorded song or an internal song, you can record again using either Replace or Mix recording.



1. **As described in "Getting Ready to Record" (p. 36), turn mix recording on/off and choose the recording mode.**
   In this example, choose "SMF" as the recording mode.
2. **Press the [●] (Rec) button to enter recording-standby mode.**
3. **Press the [○] button to switch to overdubbing mode.**
4. **As necessary, use the part buttons to select the part that you want to record.**
   For details, refer to step 2 of "Making a New SMF Recording" (p. 37).
5. **As necessary, use the [◀◀] (Bwd) [▶▶] (Fwd) buttons to specify the point at which recording will start.**
6. **As necessary, use the [Slow] [Fast] buttons to specify the tempo.**

7. **Press the [▶/■] (Play/Stop) button.**
   A two-measure count will be heard (the measure number is shown as "-2" and "-1"), and recording will start.
   When recording starts, the [●] (Rec) button and [▶/■] (Play/Stop) button will light.

MEMO

You can also start recording by playing the keyboard while in the recording-standby state. In this case, recording starts immediately and no count will be sounded.

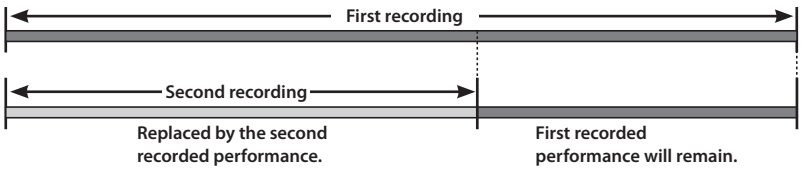
8. **Press the [▶/■] (Play/Stop) button.**
   Recording will stop, and the song save screen will appear.
   Refer to "Saving a Song" (p. 38).

MEMO

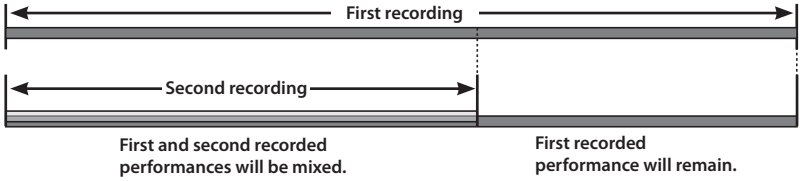
When you overdub-record, the time signature will be the time signature of the original song.

To re-record

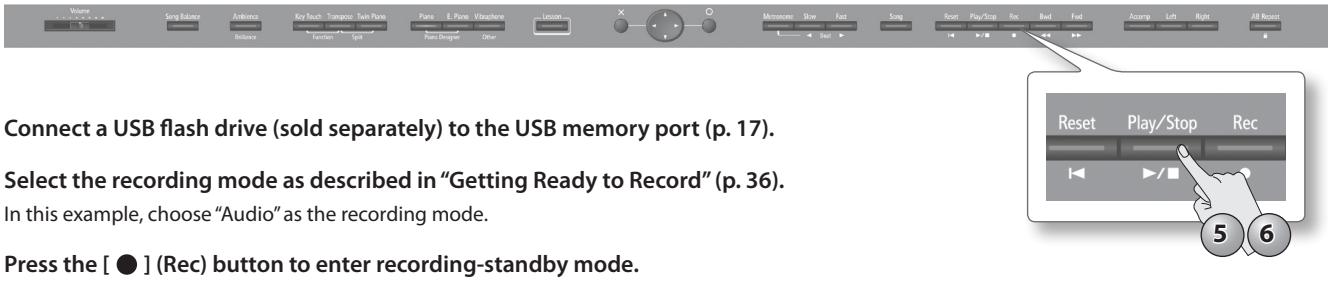
If the recording mode setting "Mix Recording" (p. 54) is "off" (i.e., replace recording), and you select a previously recorded part and then record, your new performance will overwrite the previously recorded part, replacing it. In other words, the previously recorded performance will be discarded.



If the recording mode setting "Mix Recording" (p. 54) is "on" (i.e., mix recording), and you select a previously recorded part and then record, your new performance will be combined with the previously recorded performance.



Making a New Audio Recording



1. **Connect a USB flash drive (sold separately) to the USB memory port (p. 17).**
2. **Select the recording mode as described in "Getting Ready to Record" (p. 36).**
   In this example, choose "Audio" as the recording mode.
3. **Press the [●] (Rec) button to enter recording-standby mode.**
4. **Press the [▶/■] (Play/Stop) button.**
   When recording starts, the [●] (Rec) button and [▶/■] (Play/Stop) button will light.
5. **Press the [▶/■] (Play/Stop) button.**
   Recording will stop, and the song save screen will appear.
   Refer to "Saving a Song" (p. 38).

Audio Recording a Performance with SMF Accompaniment

1. **Connect a USB flash drive (sold separately) to the USB memory port (p. 17).**
2. **Select the recording mode as described in "Getting Ready to Record" (p. 36).**
   In this example, choose Audio as the recording mode.
3. **Press the [●] (Rec) button to enter recording-standby mode.**
4. **Press the [○] button to switch to overdub recording mode.**
5. **As necessary, use the [◀◀] (Bwd) [▶▶] (Fwd) buttons to specify the location at which recording will start.**
6. **As necessary, use the [Slow] [Fast] buttons to specify the tempo.**
7. **Press the [▶/■] (Play/Stop) button.**
   When recording starts, the [●] (Rec) button and [▶/■] (Play/Stop) button will light.
8. **Press the [▶/■] (Play/Stop) button.**
   Recording will stop, and the song save screen will appear.
   Refer to "Saving a Song" (p. 38).

Using an Audio File without Melody (Center Cancel)

Here's how you can minimize the sounds (such as the vocal or the melody instrument) that are heard from the center position of the selected audio file or a digital audio player connected to the Input jack.

This is called the "Center Cancel" function.

1. **As described in steps 1–3 of "Selecting and Playing a Song" (p. 32), select a song for which an audio icon is shown.**
2. **Press the [▶/■] (Play/Stop) button.**
   The song will play.
3. **Press the [Right] button.**
   The [Right] button will go out, and the sound of the vocal or melody will be minimized.

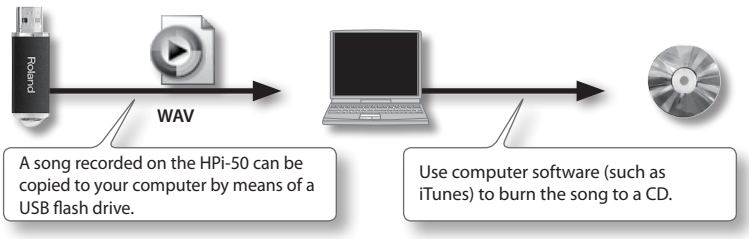
MEMO

- For some songs, the sounds heard from the center position might not be completely eliminated.
- You can clear the Center Cancel function by pressing the [Right] button. The Center Cancel function will also be cleared when you select another song.
- Using the Center Cancel function may affect the tone quality of some songs.
- If you want to use Center Cancel when you've selected something other than an audio file, refer to "Center Cancel" (p. 54) in "Various Settings."

Burning an Audio Recording of a Song (WAV file) to a CD

After an audio recording of a song has been saved to a USB flash drive, you can copy it to your computer and burn it to a CD. If you want to burn a CD from a song that you recorded as an SMF, you must first convert it to audio (WAV file) (p. 47).

In order to burn a CD on your computer, you'll need software such as "iTunes." For details, refer to the owner's manual or the online help of your software.



Copy the recorded song to your computer

1. Connect the USB flash drive containing the song to your computer.

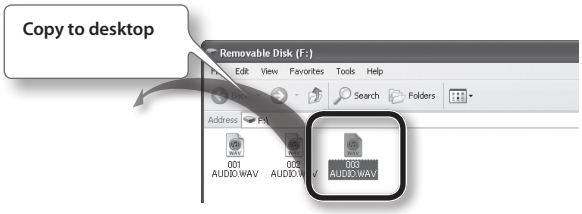
If you're using Windows, a "Removable disk" icon will appear in "Computer." If you're using Mac OS X, a "NO NAME" icon will appear on the desktop.

2. Double-click the icon that appeared.

The contents of the USB flash drive will be displayed.

The audio recording of the song (WAV file) will be among the contents.

3. Copy the song (WAV file) that you want to burn to CD to your computer's desktop or another location where you can easily find it.

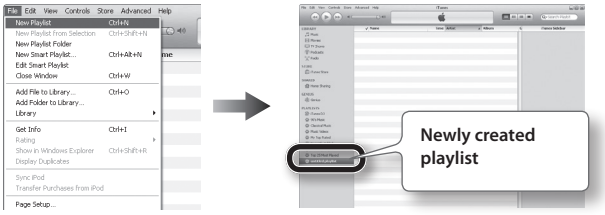


Use iTunes to burn the song to CD

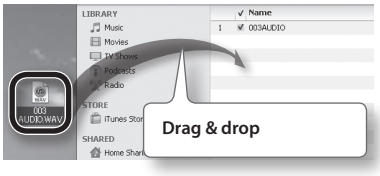
The following explanation uses iTunes 10 for Windows. If you're using a different version or other software, refer to its online help or owner's manual.

1. From the Start menu, click [All Programs] - [iTunes].

2. From the iTunes [File] menu, click [New Playlist] to create a playlist.

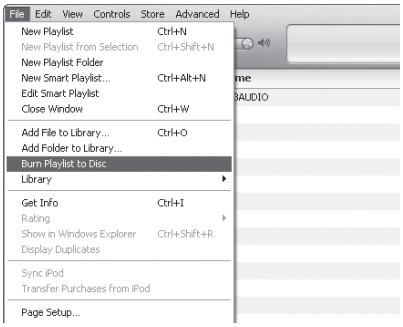


3. From the desktop (or other location) where you copied it, drag and drop the song (WAV file) to add it to the playlist you created in step 2.

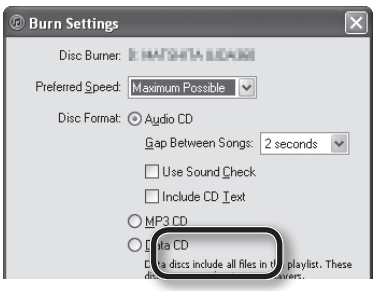


4. Insert a blank CD-R into your computer.

5. Select the playlist that you created in step 2, and in the [File] menu, click [Burn playlist to Disc].



6. Make the appropriate settings in the disc creation dialog box, and then click the [Burn] button.



1. Press the [Lesson] button.

The Lesson menu screen will appear.

2. Use the cursor [▲] [▼] [◄] [►] buttons to choose "Music Creation," and press the [○] button to confirm your choice.

Rhythm

page 42

You can play along with a variety of rhythms.

16 Part Recorder

page 43

Create 16 part multitrack recordings.

Song Editor

page 44

Edit a song you recorded.

Audio Converter

page 47

Convert a song recorded as SMF into audio.

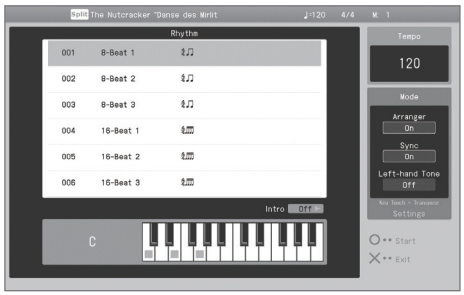
Play Along with Rhythms

The HPi-50 lets you enjoy performing while you listen to rhythms in a variety of styles.

1. Press the [Lesson] button.

2. Use the cursor [▲] [▼] [◄] [►] buttons to select "Rhythm," and press the [○] button.

The "Rhythm" screen will appear.



3. Use the cursor [▲] [▼] buttons to select a rhythm pattern.

4. If you want to perform with an intro, press the [►] (Intro) cursor button.
If you want to perform without an intro, press the [○] button.

The rhythm will start playing.

If "Arranger" is on, an accompaniment suitable for the selected rhythm will play according to the chords you play with your left hand.

MEMO

If the pedal's function is set to "Fill In," you'll be able to add a fill-in to the rhythm performance. To change the pedal's function, refer to "Changing How the Pedals Work (Left Pedal)" (p. 55) or "Changing How the Pedals Work (Center Pedal)" (p. 55).

5. If you want to end your performance with an added ending, press [○] (Ending) button.
If you want to end your performance without an added ending, press [×] (Stop) button.

The rhythm performance will stop.

Editing the Rhythm Performance and Automatic Accompaniment Settings

Here's how to edit the rhythm performance and automatic accompaniment settings.

1. In the rhythm screen, hold down the [Key Touch] button and press the [Transpose] button.

2. Use the cursor [◄] [►] buttons to select the parameter that you want to edit.

3. Use the cursor [▲] [▼] buttons to edit the setting.

Items	Value	Explanation
Left-hand Tone	Off, On	If this is on, you'll be able to play the sound of the left-hand part while the automatic accompaniment plays. If this is off, the left-hand part will not be heard.
Sync	Off, On	If this is on, the rhythm will start the instant you begin playing the keyboard. If this is off, use the[○] button to start the rhythm.
Arranger	Off, On	If this is on, an accompaniment suitable for the selected rhythm will be automatically generated according to the chords you play in the left hand. If this is off, only the rhythm will be heard.

MEMO

For details on how to finger automatic accompaniment chords on the keyboard, refer to "Chord Fingering List" (p. 68).

Recording the Rhythm Performance and Automatic Accompaniment

1. Press the [Lesson] button.

2. Use the cursor [▲] [▼] [◄] [►] buttons to select "Rhythm," and press the [○] button.

The "Rhythm" screen will appear.

3. Use the cursor [▲] [▼] buttons to select a rhythm pattern.

4. Select the tone that you want to play (p. 20).

5. Press the [●] (Rec) button.

6. Use the [○] button to select the recording mode and recording format (p. 36).

If you're using overdub-recording, use the [◄◄] (Bwd) [►►] (Fwd) buttons to move to the location at which you want to start recording.

7. **Press the [▶/■] (Play/Stop) button.**

A two-measure count will be heard (the measure number is shown as "-2" and "-1"), and then recording will begin.

8. **Press the [▶/■] (Play/Stop) button.**

Recording will stop, and the song save screen will appear.

Refer to "Saving a Song" (p. 38).

MEMO

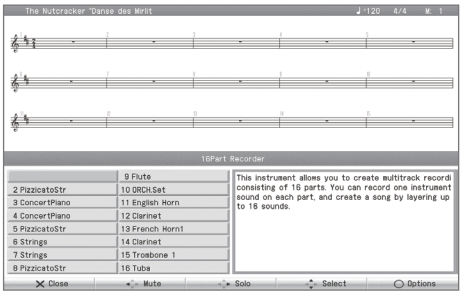
If desired, you can sound the lowest note of the chord you press ("leading bass"). Leading bass can be switched using a pedal. To change the pedal's function, refer to "Changing How the Pedals Work (Left Pedal)" (p. 55) or "Changing How the Pedals Work (Center Pedal)" (p. 55).

Recording with 16 Parts

The HPi-50 provides 16 parts for multitrack recording. One tone can be recorded on each part, meaning that you can create song data by overdubbing performances for up to 16 different tones.

The "16 part recorder" function lets you record and play back each of these 16 parts individually.

Overdub-recording allows you to listen to the previously recorded parts while you overdub performances for additional parts.



16 part recorder and part buttons

In addition to the "16 part recorder," the HPi-50's recording and playback functionality also includes the "part buttons" ([Accomp] [Left] [Right]). These part buttons combine the 16 part recorder's 16 parts into three buttons. This means that after you've used the part buttons to record your performance, you can then use the 16 part recorder to overdub additional parts, or to edit your performance in greater detail.

The part buttons correspond with the parts of the 16 part recorder as follows.

Part buttons	Part (part number)
[Accomp] button	Parts other than left-hand and right-hand (i.e., parts 1, 2 and 5–16)
[Left] button	Left-hand part (part 3)
[Right] button	Right-hand part (part 4)

Since the 16 part recorder records one tone on each part, you can't use Dual Play (p. 21) or Split Play (p. 22) to record two or more tones simultaneously.

Mute and Solo

When using the 16 part recorder to play back song data, you can press the track buttons to easily "mute" specific parts so that they will not be heard or "solo" a specific part so that only it will be heard.

Mute and solo settings can be changed even while the song plays.

MEMO

Playing back with a specific part muted is called "minus-one playback."

What's MIDI

MIDI, short of "Musical Instrument Digital Interface," was developed as a universal standard for the exchange of performance data between electronic instruments and computers. MIDI data consists of information describing what took place during a musical performance; for example, which key (which note) was played, for how long, and how strongly.

Unlike the data on a music CD, MIDI data does not contain information about the sound itself, so you are free to change the tempo and key, opening up a wide range of possibilities.

What is SMF?

"SMF" stands for "Standard MIDI File," which is a standard file format for handling MIDI-format musical data.

Since most MIDI playback devices support SMF, it is a useful format for making musical data widely available.

Commercially Available SMF Music files

Commercially available Roland SMF music files also consists of 16 parts. You can load this type of song data from a USB flash drive, and use the 16 part recorder to edit the data.

NOTE

- Some commercially available SMF music files cannot be edited.
- Please be aware that derivative works that you create based on existing copyrighted material such as commercially available SMF music files may infringe copyright law if used for purposes other than personal enjoyment. Roland takes no responsibility for any infringement of a third party's copyrights that may arise from a derivative work you create.

About the 16 part recorder Screen

Access the "16 part recorder screen" when you want to record on the 16 part recorder or make settings for it.

1. **Press the [Lesson] button to select "16 Part Recorder," and then press the [○] button (p. 29).**

The 16 Part Recorder screen will appear.

Indication	Explanation
[▲] [▼] 1–16	This shows the tone that's assigned to each part. Use the cursor buttons to select a part. Undimmed parts contain a recorded performance. Dimmed parts do not contain a recorded performance.
[▶] Solo	Only the selected part will play.
[◀] Mute	The selected part will be muted (unheard).
[○] Setting	The Part Settings screen will appear, allowing you to make detailed settings for each part. For details, refer to "Editing the Part Settings" (p. 44).

The operations subsequently explained in "Editing the Part Settings" (p. 44) and "Recording Each Part" (p. 44) are performed within the "16 part recorder" screen.

Editing the Part Settings

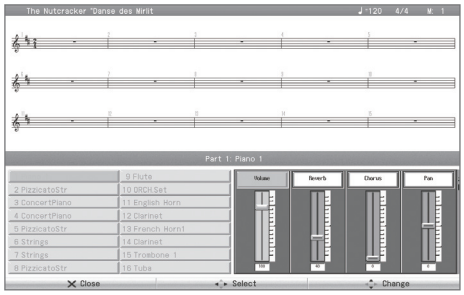
For each part of a song recorded on the 16 part recorder or an internal song, you can edit the volume and tone of each part, or mute it.

Commercially available Roland SMF music files also consists of 16 parts, each playing a different instrumental sound, and you can edit the settings for each part of such data in the same way.

* Before you continue, select the song that you want to edit (p. 31).

1. Use the cursor [▲] [▼] buttons to select the part that you want to edit, and press the [○] button.

A "Part" screen like the following will appear.



The part name and tone name are shown in the center of the screen. When this screen is shown, you can use the tone buttons to switch the tone of this part.

2. Use the cursor [◄] [►] buttons to select an item, and use the cursor [▲] [▼] buttons to edit the setting.

Item	Explanation
Volume	Adjusts the volume
Reverb	Adjusts the depth of the reverb effect. The reverberation that is typical of a concert hall will be added, giving the sound a greater spatial spread.
Chorus	Adjusts the depth of the chorus effect. A slightly pitch-shifted sound will be added, giving the sound depth and spaciousness.
Pan	Adjusts the stereo position at which the sound is heard. By editing the pan setting you can specify the perceptual location from which the sound will be heard between the left and right speakers. Raising the setting will move the sound toward the right, and lowering it will move the sound toward the left.

Recording Each Part

1. Use the cursor [▲] [▼] buttons to select the part that you want to edit.

2. Use the [◄◄] (Bwd) [►►] (Fwd) buttons to move to the measure at which you want to record.

3. Specify the recording tempo (p. 47) and metronome settings (p. 30). Also select the tone (p. 20) you'll use when recording.

4. Press the [●] (Rec) button.

The HPi-50 will enter recording-standby mode.

5. Press the [►/■] (Play/Stop) button to start recording.

A count will be heard, and then recording will start.

6. To stop recording, press the [►/■] (Play/Stop) button.

7. If you want to record additional parts, repeat step 2 and following as many times as necessary.

NOTE

The song you recorded will disappear when you turn off the power. If you don't want to lose your song, save it to the Favorites or to USB memory.

Saving Your Multitrack Recording

Here's how to save a song that you've multitrack-recorded or whose part settings you've edited.

1. In the "16 part recorder" screen, press the [×] button.

The 16 part recorder will close, and the song save screen will appear.

For details, refer to "Saving a Song" (p. 38).

Editing a Song

Here's how to edit the performance you've recorded using the part buttons (p. 39) or the 16 part recorder (p. 43).

Basic operation

1. Select the song that you want to edit (p. 31).

2. Press the [Lesson] button, select "Song Editor," and press the [○] button.

3. Use the cursor [◄] [►] buttons to select "Note/Measure" and press the [○] button.

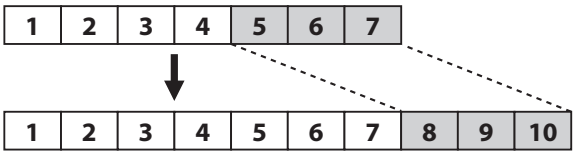
4. Use the cursor [▲] [▼] [◄] [►] buttons to select an editing function, and press the [○] button.

Copying Measures (Copy)

You can copy a specified range of measures to other measures or to another part.

This is a convenient way to create songs in which similar phrases are repeated.

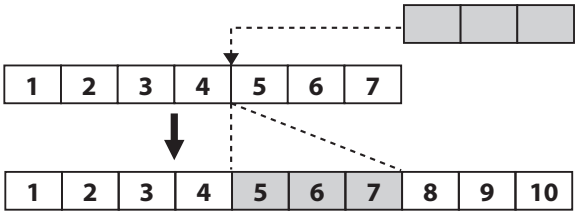
Example: Copying measures 5–7 to measure 8 and following



Inserting Blank Measures (Insert)

You can insert blank measures at the specified location.

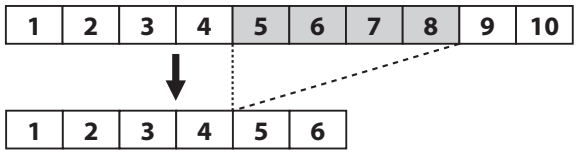
Example: Inserting three blank measures at measure 5



Deleting Measures (Delete)

You can delete a specified range of measures from your performance. This will cause the subsequent measures to be moved forward to fill the gap.

Example: Deleting measures 5–8

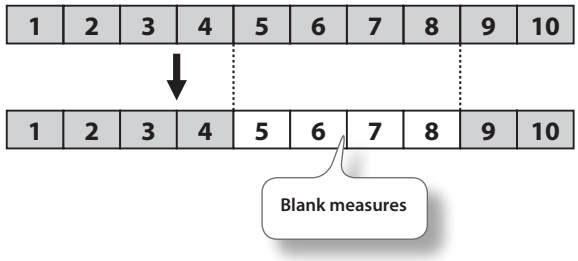


Erasing Measures (Erase)

You can erase a specified range of measures, causing those measures to be blank.

Erasing performance data will not affect the length of the song.

Example: Erasing the performance data from measures 5–8 (make blank)



Exchanging Parts (Part Exchange)

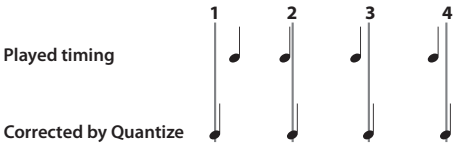
You can exchange the notes recorded for one part with the notes recorded for a different part.

Tightening Up the Note Timing (Quantize)

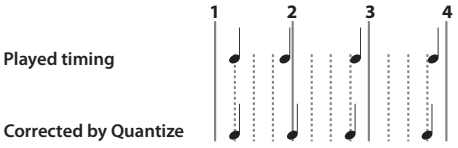
Inaccuracies in the timing of your performance can be corrected to the timing interval you specify. This is called the " Quantize" function.

For example, if you intended to play at quarter-note timing, but were not perfectly accurate, you can tighten-up your performance by quantizing to quarter-note (1/4) timing.

Example: Resolution set to "1/4"



Example: Resolution set to "1/16"



Transposing an Entire Part (Transpose)

You can transpose the entire part you specify.

Editing Individual Notes (Note Edit)

You can edit the individual notes of a recorded performance. This function is called " Note Edit."

You can use Note Edit to make the following changes.

- Delete an unintended note
- Change the pitch of a single note
- Change the playing strength (velocity) of a single note
- Change the fingering number

1. Use the cursor [◄] [►] buttons to select the part containing the note that you want to edit.

The number of the selected part is shown in the center of the screen.

2. Use the [◄◄] (Bwd) button, [►►] (Fwd) button, or cursor [▲] [▼] buttons to select the note that you want to edit.

Make the note you want to edit appear in the center of the screen.

The location of each note is shown in terms of "measure: beat: tick."

MEMO

A "tick" is a finer division of timing than a beat. There are 120 ticks in one beat.

3. Press the [O] button.

The edit screen will appear.

4. Use the cursor [◄] [►] buttons to select the note's "Note," "velocity," "Finger," or "Part", and use the cursor [▲] [▼] buttons to edit the value.
If you want to delete the selected note, press the [○] button.

5. When you're finished editing, press the [×] button

Editing Tone Changes During the Song (PC Edit)

Songs in which the instrumental sound changes during the song (i.e., when the tone used by a part is switched during the song) contain commands that specify when the tone should change.

These commands are called "program changes (PC)." You can use " PC Edit" to delete a program change or to change the tone that is selected.

MEMO

You can't insert a program change into a measure or beat that does not already contain a program change.

1. Use the cursor [◄] [►] buttons to select the part containing the program change that you want to edit.

The number of the selected part is shown in the center of the screen.

2. Use the [◀◀] (Bwd) button, [▶▶] (Fwd) button, or cursor [▲] [▼] buttons to select the program change that you want to edit.

Make the program change you want to edit appear in the center of the screen.

The location of each note is shown in terms of "measure: beat: tick."

MEMO

A "tick" is a finer division of timing than a beat. There are 120 ticks in one beat.

3. Press the [O] button.

The edit screen will appear.

4. Press a tone button to select the tone group, and use the cursor buttons to select a tone.
If you want to delete the selected program change, press the [O] button

5. When you've finished editing, press the [×] button.

Cancelling an Edit (Undo)

For the "note/measure" editing functions, you can cancel the most-recently executed operation.

This is a convenient way to return to the original state after an edit.

Undoable editing is indicated accordingly.

Use the cursor [◀] [▶] buttons to select "Yes" and then press the [O] button to undo the previous editing operation, returning the data to its prior

If you use the cursor [◀] [▶] buttons to select "Cancel" and then press the [O] button, you'll return to the Song Edit screen.

Saving a Song You've Edited by Note or Measure

1. In the Note/Measure screen, press the [×] button.

"Note/Measure" editing will end, and the song save screen will appear.

For details, refer to "Saving a Song" (p. 38).

Inserting Notation Marks

You can insert a variety of notation marks to be displayed in the notation.

1. Press the [Lesson] button, select "Song Editor," and press the [○] button.

2. Use the cursor [◀] [▶] buttons to select "Notation Mark" and press the [○] button.

3. Use the [◀◀] (Bwd) [▶▶] (Fwd) buttons or the cursor left/right buttons to select the location at which you want to insert a notation mark.

4. Use the [Slow] [Fast] buttons to select the type of notation mark you want to insert.

5. Use the cursor [▲] [▼] buttons to select a notation mark.

6. Press the [O] button.

The notation mark will be inserted.

Deleting a Notation Mark

1. Use the cursor [◀] [▶] buttons to select a notation mark.

The notation mark will be shown in red.

2. Press the [O] button.

The selected notation mark will be deleted.

Saving a Song After Editing Its Notation Marks

1. In the notation mark screen, press the [×] button.

"Notation mark" editing will end, and the song save screen will appear.

For details, refer to "Saving a Song" (p. 38).

Editing the Key Signature

You can change the key signature to make the notation easier to read.

1. Press the [Lesson] button, select "Song Editor," and press the [○] button.

2. Use the cursor [◀] [▶] buttons to select "Key Signature" and press the [○] button.

3. Use the cursor [▲] [▼] buttons to select the key signature.

4. Press the [×] button.

Key signature editing will end, and the song save screen will appear.

For details, refer to "Saving a Song" (p. 38).

Editing the Time Signature (Beat Map)

You can create songs in which the time signature changes during the song.

The beat map can be edited only when creating a new song.

You'll need to use the beat map to create a blank song containing time signature data.

1. **Press the [Lesson] button, select "Song Editor," and press the [○] button.**
2. **Use the cursor [◄] [►] buttons to select "Beat Map" and press the [○] button.**
3. **Use the [◄◄] (Bwd) button or [►►] (Fwd) button to select the measure at which you want to change the time signature.**
4. **Use the cursor [▲] [▼] buttons to select the time signature.**
5. **Press the [○] button.**
6. **Repeat steps 1–3 to enter the time signature data for the entire song.**
7. **Press the [×] button.**

   Time signature editing will end, and you'll be in overdub-recording mode.

   Proceed as described in step 4 and following of "Overdubbing a Recorded Song" (p. 39).

Editing the Tempo

You can edit the tempo of a recorded song.

1. **Select the song whose tempo you want to edit (p. 31).**
2. **Use the [Slow] [Fast] buttons to change the tempo.**
3. **Hold down the [●] (Rec) button and press the [|◄] (Reset) button.**

   The song's tempo will be changed.
4. **When the save screen appears, save the song.**

   For details, refer to "Saving a Song" (p. 38).

Converting an SMF Song to Audio (WAV File)

By converting a song recorded in SMF format to audio, you'll be able to listen to it on your computer. You can also burn the song to a music CD on your computer, or upload it to the Internet.

1. **Connect your USB flash drive (sold separately) to the USB memory port (p. 17).**

   * Audio files cannot be saved to Favorites (internal memory).
2. **Select the song that you want to convert to audio (WAV file) (p. 31).**
3. **Press the [Lesson] button.**

   The "Lesson" screen will appear.
4. **Use the cursor [▲] [▼] [◄] [►] buttons to select "Audio Converter," and press the [○] button.**

   A confirmation screen will appear.

   Use the cursor [▲] [▼] buttons to select "Save song."
5. **To convert the song, press the [○] button.**

   If you decide to cancel without converting, press the [×] button.

   The screen will indicate "Converting..."
6. **When the save screen appears, save the song.**

   For details, refer to "Saving a Song" (p. 38).

Copying an audio recording of a song to your computer page 41

If you save an audio recording of a song on a USB flash drive, you'll be able to listen to it on your computer.

In order for an SMF song recording to be used on your computer, you'll need to convert it to audio (WAV file).

Audio recordings of songs are saved as WAVE files (16-bit, 44.1 kHz).

You can use your computer to burn them to a music CD or upload them to the Internet.

A song recorded on the HPi-50 can be copied to your computer by means of a USB flash drive.

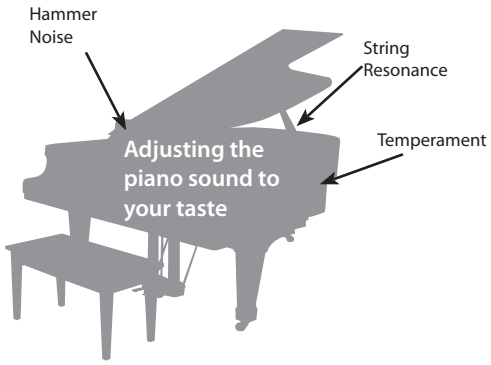
Use computer software (such as iTunes) to burn the song to a CD.

Personalizing Your Piano Sound (Piano Designer)

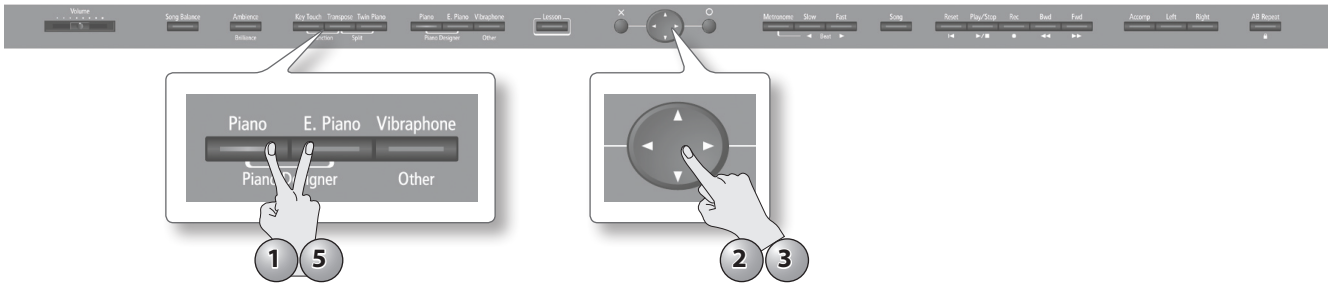
What is Piano Designer?

The HPi-50 lets you adjust the piano sound to your taste by modifying various aspects of a grand piano's sound, such as its strings and pedal, as well as the keyboard resonances.

This function is called "Piano Designer."



Making Detailed Adjustments to the Piano Sound



1. While holding down the [Piano] button, press the [E. Piano] button.

The Piano Designer screen will appear.

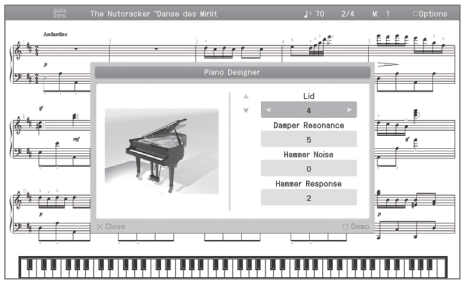
The "ConcertPiano" tone will be selected.

2. Use the cursor [▲] [▼] buttons to select the parameter that you want to adjust.

3. Use the cursor [◄] [►] buttons to adjust the value.

4. Repeat steps 2–3 to adjust the piano sound to your taste.

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



Saving your settings

The HPi-50's settings will revert to the default values when you turn off the power, but you can save them as described in "Storing Your Settings (memory backup)" (p. 12).

Piano designer parameter

Parameter	Value	Explanation
Lid	0–6	Adjusts the extent to which the lid of the grand piano is open. The sound will become more mellow as you close the lid of the piano in the screen. The sound will become brighter as you open the lid of the piano in the screen.
Hammer Noise	1–5	This adjusts the sound produced when the hammer of an acoustic piano strikes the string. Higher settings will produce a louder sound of the hammer striking the string.
Hammer Response	0–10	For softly played notes, this adjusts the time from when you strike the key until the piano sound is heard. Higher settings will produce slower response.
Damper Resonance	0–10	This adjusts the damper resonance of the acoustic piano sound (the sympathetic vibration produced in strings other than those actually played when you press the damper pedal). Higher settings will make the sympathetic vibration louder.
Duplex Scale	0–10	This adjusts the sympathetic vibrations of an acoustic piano's Duplex Scale. Higher settings will make the sympathetic vibration louder.
String Resonance	0–10	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.

Parameter	Value	Explanation
Key Off Resonance	0–10	This adjusts sympathetic vibrations such as an acoustic piano's key-off sound (the subtle sound that occurs when you release a note). Higher settings will make the sympathetic vibration louder.
Cabinet Resonance	0–10	Adjusts the body resonance of the grand piano itself. Higher values will produce a larger body resonance.
Sound Board Behavior	0–10	When you play a chord, this setting improves the clarity of the individual notes in the chord, creating a more beautiful resonance. Higher settings produce a clearer resonance.
Damper Noise	0–10	This adjusts the damper noise of the acoustic piano sound (the sound of the damper releasing the strings when you press the damper pedal). * No damper noise will be heard if Damper Resonance is set to "Off."
Master Tuning	415.3–440.0–466.2 Hz	This adjusts the HPi-50's standard pitch (the pitch of the middle A note). When playing ensemble with other instruments and in other such instances, you can match the standard pitch to another instrument. The standard pitch generally refers to the pitch of the note that's played when you finger the middle A key. For a cleaner ensemble sound while performing with one or more other instruments, ensure that each instrument's reference pitch is in tune with that of the other instruments. This tuning of all the instruments to a reference pitch is called "master tuning."
Temperament	Equal, Just Major, Just Minor, Pythagorean, Kirnberger, Meantone, Werckmeister, Arabic	You can play classical styles such as Baroque using historic temperaments (tuning methods). Most modern songs are composed for and played in equal temperament, the most common tuning in use today. But at one time, there were a wide variety of other tuning systems in existence. By playing in the temperament that was in use when a composition was created, you can experience the sonorities of chords originally intended for that song. **REFERENCE** zFor details, refer to "Temperaments."
Temperament Key	C–B	When playing with tuning other than equal temperament, you need to specify the temperament key for tuning the song to be performed (that is, the note that corresponds to C for a major key or to A for a minor key). If you choose an equal temperament, there's no need to select a temperament key.
Stretch Tuning	Off, Preset, User (User: -50–0–+50)	This lets you specify the amount of "stretch tuning," a tuning method specifically for pianos, in which the high range is tuned slightly sharper, and the low range is tuned slightly flatter. If you select "Preset," a standard tuning curve created for the HPi-50 will be used. If you select "User," you'll be able to edit the stretched tuning yourself. Play the key whose pitch you want to adjust, then use the [▲] [▼] buttons to adjust its pitch.
Demo	For some parameters, you can listen to a demo song. **1. Press the [○] button.** **2. Use the cursor [▲] [▼] buttons to select the type of demo.** **3. Press the [○]button.** The demo will begin.	

Temperaments

Temperament	Qualities
Equal	In this tuning, each octave is divided into twelve equal steps. Every interval produces about the same amount of slight dissonance.
Just Major	This tuning eliminates ambiguities in the fifths and thirds. 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. You can get the same effect with the minor scale as with the major scale.
Pythagorean	This tuning, devised by the philosopher Pythagoras, eliminates dissonance in fourths and fifths. Dissonance is produced by third-interval chords, but melodies are euphonious.
Kirnberger	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 (III).
Meantone	This scale makes some compromises in just intonation, enabling transposition to other keys.
Werckmeister	This temperament combines the Meantone and Pythagorean tunings. Performances are possible in all keys (first technique, III).
Arabic	This tuning is suitable for the music of Arabia.

What is the duplex scale?

The Duplex Scale is a system of sympathetically vibrating strings sometimes included in grand pianos.

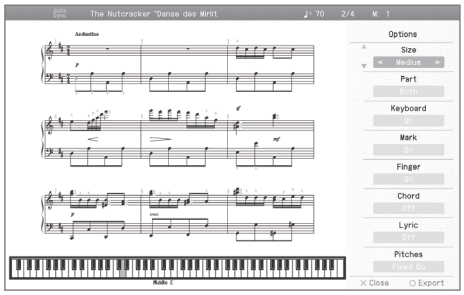
These sympathetically vibrating strings are not struck directly with hammers, but sound by vibrating in sympathy with the vibrations of other strings. By resonating with the overtones, these strings add richness and brilliance to the sound. These sympathetic strings are added only to the high register above approximately C4. Since they do not have a damper (a mechanism that stops them from sounding), they will continue sounding even after you play a note and then release it to stop the sound of the string that was actually struck.

Changing the Notation Screen Settings

You can change the parts shown in the notation screen, and specify how they will be displayed.

1. In the notation screen, press the [○] button.

The notation setup screen will appear.



2. Use the cursor [▲] [▼] buttons to select an item.

3. Use the cursor [◄] [►] buttons to change the setting.

Item	Explanation
Size	Specifies the size of the notation display.
Part	Specifies the part to be shown as notation.
Keyboard	If this is "On," a keyboard is shown below the notation.
Mark	If this is "On," performance marks are shown when you play back song data that contains performance marks.
Finger	If this is "On," fingering numbers are shown when you play back song data that contains fingering numbers.
Chord	If this is "On," chord names are shown when you play back song data that contains chord data.
Lyric	If this is "On," lyrics are shown when you play back song data that contains song lyric data.
Pitches	Specify how note names are displayed when the notation screen is expanded.
Auto Sync	If this is "On," the notation will be shown in synchronization with the performance.
Key	Display the notation in the specified key.
Clef R	Specifies the clef of the notation shown for the right-hand part.
Clef L	Specifies the clef of the notation shown for the left-hand part.
Upper Part	Specifies the part for which notation will be shown as the upper part.
Lower Part	Specifies the part for which notation will be shown as the lower part.

Changing the Number of Measures Displayed

1. In the notation screen, use the cursor [▲] [▼] buttons to change the setting.

Saving Notation Data in BMP Format

The notation displayed by the HPi-50 can be saved to a separately sold USB flash drive as image data. You can use this saved image data on your computer.

NOTE

- You cannot save copyrighted song data.
- Copyright law prohibits the unauthorized use of exported notation for any purpose other than personal enjoyment.
- For details on how note names are shown in the BMP output, refer to "Changing the Notation Screen Settings" (p. 50).

1. Connect your USB flash drive to the USB memory port.

2. Select the song for which you want to save the notation (p. 31).

If you want to save a notation image for a song that you record, record your performance before you continue (p. 36).

3. In the notation screen, press the [○] button.

4. In the Options screen, press the [○] button.

5. Read the message, and then press the [○] button.

If you've selected a copyrighted song, a screen like the following will appear.

If this screen appears, press the [○] button to return to step 2 and then select a different song.

6. Use the cursor [▲] [▼] [◄] [►] buttons to specify the region that will be saved and the layout of the notation.

7. Press the [○] button.

The notation will be saved as image data in BMP (bitmap) format.

NOTE

Do not disconnect the USB flash drive until saving is completed.

Saving Tone and Rhythm Settings

The state of the currently selected tone buttons and Rhythm settings can be stored as a set, which can be called up instantly when desired. This is called a "User Program," and you can save 40 such sets in the HPi-50.

For details on the setting that can be stored, refer to "Items Saved in a User Program" (p. 69)

Writing a User Program

1. **Hold down the [Key Touch] button and press the [Transpose] button.**
2. **Use the cursor [▲] [▼] buttons to select "User Program," and then press the cursor [►] button.**

   The User Program screen will appear.
3. **Press the [○] button.**

   The "Write the Favorite User Program" screen will appear.
4. **Enter a name for the "User Program file."**

   Use the cursor [◄] [►] buttons to select the character that you want to change, and use the cursor [▲] [▼] buttons to change the character.

   MEMO

   If you don't need to change the User Program, simply proceed to step 5.
5. **Press the cursor [►] button several times to select the "Write Destination."**
6. **Use the cursor [▲] [▼] buttons to specify the desired "Write Destination."**
7. **Press the [○] button.**

   The current settings will be wrote as a "User Program."

   NOTE

   Never turn off the power while the screen indicates "Saving..."

   MEMO

   If you want to return the "User Program" to their factory-set state, refer to "Restoring the Factory Settings" (p. 57).

Calling Up a User Program

Here's how to call up a User Program that you've saved.

1. **While holding down the [Key Touch] button, press the [Transpose] button.**
2. **Use the cursor [▲] [▼] buttons to select "Load a User Program File," and press the [►] cursor button.**

   The User Program screen will appear.
3. **Use the cursor [▲] [▼] buttons to select the User Program that you want to call up.**

   The current performance settings will be replaced by the performance settings you choose.

Using a pedal to select a User Program

You can use a pedal to consecutively select "User Program." This is called the "Pedal Shift" function.

If you've stored "User Program" in the desired order, you'll be able to select the User Program for the next song simply by pressing a pedal.

1. **While holding down the [Key Touch] button, press the [Transpose] button.**
2. **Use the cursor [▲] [▼] buttons to select "User Programs."**
3. **Use the cursor [◄] [►] buttons to change the setting.**

Value	Explanation
Off	The function originally assigned to the pedals will be available.
Left Pedal	The left pedal will operate only to switch User Programs. The function originally assigned to the left pedal will not be available.
Center Pedal	The center pedal will operate only to switch User Programs. The function originally assigned to the center pedal will not be available.

Managing User Programs

You can save or delete User Programs.

MEMO

If you want to save User Programs on a USB flash drive, connect your USB flash drive to the USB memory port before you continue.

1. Hold down the [Key Touch] button and press the [Transpose] button.

2. Use the cursor [▲] [▼] buttons to select an item.

Item	Explanation
Load User Program	Loads a set of User Programs from Favorites or a USB flash drive into the HPi-50.
Save User Program	Saves a set of 40 User Programs in Favorites or User Program User Program Set."
Copy User Program	Copies a set of User Programs from a USB flash drive to Favorites in internal memory. Alternatively, copies a set of User Programs from Favorites to a USB flash drive.
Delete User Program	Deletes a set of User Programs from Favorites or from a USB flash drive.

3. Select the desired item, and press the [►] cursor button.

The corresponding screen will appear.

4. Proceed according to the instructions in the screen.

NOTE

Never turn off the power or disconnect the USB flash drive while the screen indicates "Executing..."

Making the Power Automatically Turn Off After a Time (Auto Off)

With the factory settings, the HPi-50's power will automatically be switched off 30 minutes after you stop playing or operating the unit.

If you don't need the power to turn off automatically, set "Auto Off " to the "Off " setting as described below.

1. Hold down the [Key Touch] button and press the [Transpose] button.

2. Use the cursor [▲] [▼] buttons to select "Auto Off ."

3. Use the [◄] [►] buttons to change the setting.

Value	Explanation
Off	The power will not turn off automatically.
10 min.	The power will automatically turn off if no operation is performed for 10 minutes.
30 min. (default)	The power will automatically turn off if no operation is performed for 30 minutes.
240 min.	The power will automatically turn off if no operation is performed for 240 minutes (4 hours).

MEMO

This setting is automatically saved in the HPi-50.

4. Press the [x] button.

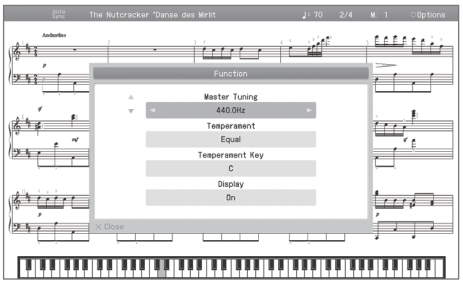
You will exit the "Function" screen.

Basic Operations in the Function Screen

The "Function" screen lets you edit various settings for performance and recording.

1. While holding down the [Key Touch] button, press the [Transpose] button.

The "Function" screen will appear.



2. Use the cursor [▲] [▼] buttons to select the item that you want to edit.

MEMO

Depending on the item you select, the screen might show additional choices.

3. Use the cursor [◄] [►] buttons to edit the setting.

The content of the setting is shown in the screen.

4. While holding down the [Key Touch] button, press the [Transpose] button.

You will exit the "Function" screen.

MEMO

- The settings you edit will return to their original state when you turn off the power.
- By using the "Memory Backup" function, you can have these settings be retained even while the power is turned off. For details, refer to "Storing Your Settings (memory backup)" (p. 12).

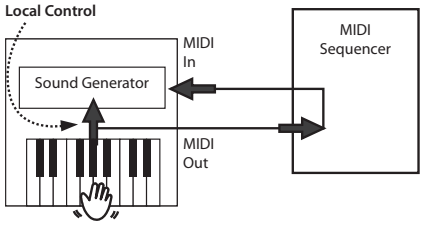
Indication	Explanation
Master Tuning	**Matching the Pitch with Other Instruments** When playing ensemble with other instruments and in other such instances, you can match the standard pitch to another instrument. The standard pitch generally refers to the pitch of the note that's played when you finger the middle A key. For a cleaner ensemble sound while performing with one or more other instruments, ensure that each instrument's standard pitch is in tune with that of the other instruments. **How to save your settings?** Save your settings as described in "Storing Your Settings (memory backup)" (p. 12).
Temperament	**Changing the Tuning Method** You can play classical styles such as Baroque using historic temperaments (tuning methods). Most modern songs are composed for and played in equal temperament, the most common tuning in use today. But at one time, there were a wide variety of other tuning systems in existence. By playing in the temperament that was in use when a composition was created, you can experience the sonorities of chords originally intended for that song. **How to save your settings?** Save your settings as described in "Storing Your Settings (memory backup)" (p. 12). **REFERENCE** For details, refer to "Temperaments" (p. 49).
Temperament Key	**Specifying a Song's Tonic** When playing with tuning other than equal temperament, you need to specify the temperament key for tuning the song to be performed (that is, the note that corresponds to "Do" for a major key or to "La" for a minor key). If you choose an equal temperament, there's no need to select a temperament key. **How to save your settings?** Save your settings as described in "Storing Your Settings (memory backup)" (p. 12).
Display	**Turning On/Off the Display** You can turn on/off the HPi-50's display.
Display Brightness	**Adjusting the Display's Brightness** You can adjust the brightness of the HPi-50's display. **MEMO** This setting is automatically saved in the HPi-50.

For details of the procedure on setting up the Function mode, refer to p. 53.

Indication	Explanation
Input Volume	**Adjusting the Volume of an Audio Playback Device** You can adjust the volume of an audio playback device that's connected to the Input jacks.
Center Cancel	**Playing Back an Audio File with Its Central Sound Minimized** You can minimize the playback of sounds located in the center of the sound field (e.g., vocals or melody instruments) of the selected audio file or music from a digital audio player connected to the Input jacks. * For some songs, sounds located in the center might not disappear completely, or the tone quality of the sound might be affected. **MEMO** You can also turn the Center Cancel function on/off by pressing the [Right] button.
Audio Transpose	**Transposing an Audio File (Audio Transpose)** The selected audio file and the sound of a digital audio player connected to the Input jacks can both be transposed for playback. * For some songs, an audio transpose setting other than 0 may affect the tone quality of the sound. **MEMO** You can also change this setting by holding down the [Transpose] button and using the cursor [◄] [►] buttons.
Octave Shift	**Changing the Pitch of the Tone in Octave Steps** You can change the pitch of the Tone 2 in Dual Play (p. 21) and Lower tone in Split Play (p. 22) an octave at a time. Altering the pitch in one-octave units in this way is called "Octave Shift." For example, you can raise the pitch of the Lower Tone to the same pitch of the Upper Tone in Split Play.
Recording Mode	**Selecting the Format for Recording** You can choose whether to record as SMF or as audio. **MEMO** You can also switch the recording mode by holding down the [●] (Rec) button and using the [◄] [►] buttons. **SMF**: SMF parts will be recorded separately. This allows you to re-record just a single part, or to overdub different parts. **Audio**: The recording will be made as audio data. The recorded song can be used in your computer.
Mix Recording	**Choosing the Recording Method for Overdub-Recording** You can choose how the previously recorded performance will be handled when you overdub. **Off**: The previously recorded performance will be erased as the new performance is recorded (Replace Recording). **On**: The previously recorded performance will be kept, and the new performance will be added to it (Mix Recording).
Save Song	Here's how to rename a song you've saved. **REFERENCE** For details, refer to "Saving a Song" (p. 38).
Copy Song	**Copying a Saved Song** A song you've saved to Favorite can be copied to a USB flash drive. Alternatively, a song saved to a USB flash drive can be copied to Favorite.
Delete Song	**Deleting a Saved Song** You can delete a saved song from Favorite or a USB flash drive.
Format Media	**Initializing the Memory** You can delete all songs from Favorite or a separately sold USB flash drive. **NOTE** • Once an initialization is performed, all songs that have been saved in Favorite (internal memory) or USB flash drive will be erased. The erased data cannot be recovered, so we recommend that you check the contents of memory before you proceed. • If you're using new USB flash drive (sold separately) with the HPi-50 for the first time, you'll need to initialize (format) the USB flash drive before using it. The HPi-50 can't use USB flash drive that has not been initialized.

Indication	Explanation	
Right Pedal	**Changing How the Pedal Effects Are Applied** When you press the damper pedal 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. **How to save your settings?** Save your settings as described in "Storing Your Settings (memory backup)" (p. 12).	
	Right & Left	All enabled
	Right	Applied only to the Tone 1 (in dual mode)/Right-hand Tone (in split mode)
	Left	Applied only to the Tone 2 (in dual mode)/Left-hand Tone (in split mode)
Center Pedal	**Changing How the Pedals Work (Center Pedal)** When you turn on the power, the center pedal functions as the sostenuto pedal (p. 16). You can change the function of the pedal to a variety of other operations.	
	Sostenuto	Sets function to sostenuto pedal.
	Play/Stop	The pedal will have the same function as the [▶/■] (Play/Stop) button.
	Tap Tempo	The tempo can be specified by pressing the pedal twice at the desired timing.
	Page Fwd	Pressing the pedal will advance you to the next page of notation.
	Layer	Pressing the pedal will layer on Tone 2, used for Dual play. * The Layer function can be applied only when using Dual play.
	Octave	Pressing the pedal will layer on a sound one octave higher. * The Octave function cannot be applied while using Twin Piano, Dual play, or Split play.
	Fill In	Pressing the pedal will add a fill-in to the rhythm performance. * This will work only while rhythm is playing.
	Leading Bass	Pressing the pedal will cause the lowest note of the chord you press during rhythm performance to be sounded. Normally, the root of the chord you press will be sounded. * This will work only while rhythm is playing.
Left Pedal	**Changing How the Pedals Work (Left Pedal)** When you turn on the power, the left pedal functions as the soft pedal (p. 16). You can change the function of the pedal to a variety of other operations.	
	Soft	Sets function to soft pedal.
	Play/Stop	The pedal will have the same function as the [▶/■] (Play/Stop) button.
	Tap Tempo	The tempo can be specified by pressing the pedal twice at the desired timing.
	Page BWD	Pressing the pedal will return you to the previous page of notation.
	Layer	Pressing the pedal will layer on Tone 2, used for Dual play. * The Layer function can be applied only when using Dual play.
	Octave	Pressing the pedal will layer on a sound one octave higher. * The Octave function cannot be applied while using Twin Piano, Dual play, or Split play.
	Fill In	Pressing the pedal will add a fill-in to the rhythm performance. * This will work only while rhythm is playing.
	Leading Bass	Pressing the pedal will cause the lowest note of the chord you press during rhythm performance to be sounded. Normally, the root of the chord you press will be sounded. * This will work only while rhythm is playing.
User Program Pedal Shift	**Using a Pedal to Switch User Programs** You can use a pedal to switch sequentially through User Programs. If you've saved your User Programs in the order in which you want to select them, you can call up the setup for the next song simply by pressing a pedal. * The pedal to which this function is assigned will no longer perform its originally assigned function (p. 51).	
	Off	The pedal will not switch User Programs.
	Left Pedal	The left pedal will switch User Programs.
	Center Pedal	The center pedal will switch User Programs.
User Program	The current tone button selections and the rhythm settings can be saved as a User Program. **REFERENCE** For details, refer to "Writing a User Program" (p. 51).	

For details of the procedure on setting up the Function mode, refer to p. 53.

Indication	Explanation
Load User Program	You can call up a previously saved User Program. **REFERENCE** For details, refer to "Calling Up a User Program" (p. 51).
Save User Program	Forty User Programs stored in the HPi-50 can be saved together as a "User Program Set" to Favorites or to a USB flash drive. **REFERENCE** For details, refer to "Managing User Programs" (p. 52).
Copy User Program	A user program set saved on a USB flash drive can be copied to Favorites of the HPi-50. Conversely, a user program set saved in Favorites can be copied to a USB flash drive. **REFERENCE** For details, refer to "Managing User Programs" (p. 52).
Delete User Program	A set of User Programs can be deleted from Favorites or from the USB flash drive. **REFERENCE** For details, refer to "Managing User Programs" (p. 52).
Local Control	**Preventing Doubled Notes When Connected to a Sequencer** When you have a MIDI sequencer connected, 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. 
	On: Local Control is on. The keyboard and composer are connected to the internal sound generator.
	Off: Local Control is off. The keyboard and composer are disconnected from the internal sound generator. Playing the keyboard will not produce sound.
MIDI Tx Channel	**MIDI Transmit Channel Settings** This setting specifies the MIDI channel on which the HPi-50 will transmit. MIDI uses sixteen "MIDI channels," which are numbered 1 through 16. By connecting MIDI devices and specifying the appropriate MIDI channel for each device, you can play or select sounds on those devices. The HPi-50 will receive all sixteen channels (1–16). **How to save your settings?** Save your settings as described in "Storing Your Settings (memory backup)" (p. 12).
CD/Audio Type	**Setting the Type of CD to Be Played Back** The HPi-50 may be unable to correctly recognize the type of CD being used. In such instances, you can specify the type of CD manually. When the unit left the factory, this was set to "Stereo." Normally, there is no need to make this setting. **MEMO** This setting is automatically saved in the HPi-50.
USB Driver	**Changing the USB Driver Settings** Normally, you don't need to install a driver in order to connect the HPi-50 to your computer. However, if some problem occurs, or if the performance is poor, using the Roland original driver may solve the problem. In this case setting "USB Driver" to "Original" on the HPi-50, install the driver on your personal computer. After changing this setting, you need to turn off the HPi-50, then turn it back on again.  **MEMO** This setting is automatically saved in the HPi-50. For details on downloading and installing the Roland original driver, refer to the Roland website. Roland website: **http://www.roland.com/**
	Generic: Choose this if you want to use the standard USB driver that was included with your computer. Normally, you should use this mode.
	Original: Choose this if you want to use a USB driver downloaded from the Roland website.
USB Memory Mode	**Changing the USB Flash Drive Setting** In some cases, when USB flash drive is connected to the USB memory port, it may take longer for data to be loaded, or data may fail to be loaded successfully. If this occurs, you may be able to solve the problem by changing the USB Memory Mode setting. When the unit left the factory, this was set to "Mode 2" Normally, there is no need to make this setting. **MEMO** This setting is automatically saved in the HPi-50.

Indication	Explanation	
Visual Control Mode	**Controlling Video Equipment** Visual Control is a function that lets you control images along with your performance. If you've set Visual Control mode to MIDI VISUAL CONTROL or V-LINK, playing the keyboard of HPi-50 will control the images produced by the Visual Control device connected to HPi-50 using a MIDI cable. **REFERENCE** For details, refer to "What is MIDI visual control?" (p. 58) and "What is V-LINK?" (p. 58).	
	Off	Visual Control is off.
	MIDI VISUAL CONTROL	MIDI Visual Control mode is selected.
	V-LINK	V-LINK mode is selected.
Visual Control Tx Channel	**Specifying the Visual Control Channel** Here's how to specify the channel on which messages used to control video will be sent.	
Language	**Specifying the Screen Display Language** You can change the language that's displayed in the screen.	
	English, Français, Deutsch, Italian, Spanish, Nederland, 日本語 (Japanese)	
Auto Off	With the factory settings, the unit's power will automatically be switched off 30 minutes after you stop playing or operating the unit. If you don't want the power to turn off automatically, change the "Auto Off" setting to "Off" as follows. **MEMO** This setting is automatically saved in the HPi-50. For details, refer to "Making the Power Automatically Turn Off After a Time (Auto Off)" (p. 52).	
Wireless	By inserting the wireless USB Adapter (WNA1100-RL; sold separately) into the HPi-50's USB memory port, you'll be able to use wireless-compatible applications (such as the "Piano Partner" iPad app). **REFERENCE** For details, refer to "About the Wireless LAN Function" (p. 59).	
Memory Backup	The HPi-50's settings will return to their default settings when you turn off the power, but you can store these settings so that they will retain the changes you made even after the power is turned off, then on again. **REFERENCE** For details, refer to "Storing Your Settings (memory backup)" (p. 12).	
Factory Reset	**Restoring the Factory Settings** When you execute the "Factory Reset" function, the settings you've edited in Function mode will be restored to their factory-set state. **NOTE** When you execute "Factory Reset," all stored settings will be erased and returned to the factory settings. **MEMO** This function will not erase the songs from Favorite (internal memory) or USB flash drive (sold separately). If you want to erase Favorite or USB flash drive, "Initializing the Memory" (p. 54).	

For details of the procedure on setting up the Function mode, refer to p. 53.

What is MIDI visual control?

MIDI Visual Control is an internationally-used recommended practice that was added to the MIDI specification so that visual expression could be linked with musical performance. Video equipment that is compatible with MIDI Visual Control can be connected to electronic musical instruments via MIDI in order to control video equipment in tandem with a performance.

What is V-LINK?

V-LINK is Roland's proprietary specification that allows visual expression to be linked with musical performance. Video equipment that is compatible with V-LINK can be connected to electronic musical instruments via their MIDI ports, making it easy to enjoy a variety of visual effects that are linked with the performance.

Connection examples

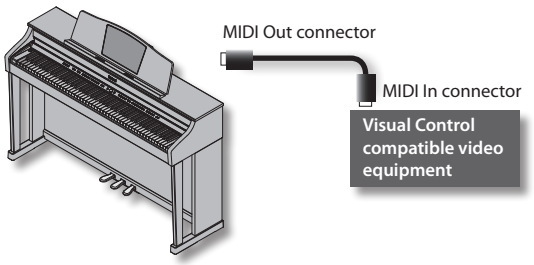
Connect a MIDI cable from this unit's MIDI Out connector (p. 17) to the MIDI In connector of your Visual Control compatible device.

* You'll need a MIDI cable (sold separately) in order to connect this unit to a device that supports Visual Control.

Visual control function chart

Playing the lowest 12 keys of this unit (A0–G#1) will transmit the following MIDI messages.

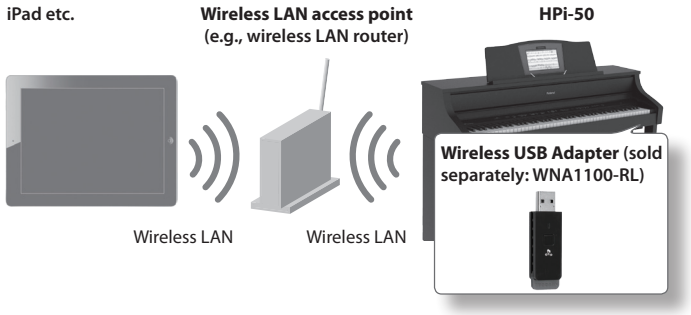
Visual Control function	Transmitted MIDI message	HPi-50's operation
Switch images	CC 0 (Bank Select): 0–4	Play black keys
	Program Change: 1–7	Play white keys



About the Wireless LAN Function

What Is Wireless LAN Function?

By inserting the wireless USB Adapter (WNA1100-RL; sold separately) into the HPi-50's USB memory port, you'll be able to use wireless-compatible applications (such as the "Piano Partner" iPad app).



Items required to use the wireless LAN function

- ☐ Wireless USB Adapter (sold separately: WNA1100-RL) *4
- ☐ Wireless LAN access point (e.g., wireless LAN router) *1 *2 *3
- ☐ iPad etc.

*1 The wireless LAN access point you use must support WPS. If your wireless LAN access point does not support WPS, you can connect using the procedure described in "Connecting to a Wireless LAN Access Point That You Select (Select AP)" (p. 60).

*2 The ability to connect with all kinds of wireless LAN access points is not guaranteed.

*3 If you're unable to connect to the wireless LAN access point, try connecting using Ad-Hoc mode (p. 61).

*4 In some countries, the Wireless USB Adapter is not sold due to regulations concerning radio-frequency equipment. For information on whether the Wireless USB Adapter can be used in your country, please contact the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.

Basic Connection Method (Connect by WPS)

The first time you connect the HPi-50 to a wireless network, you'll need to perform the following procedure (WPS) to join the wireless network.

This procedure is required only the first time. (Once you've joined the network, this procedure will no longer be necessary.)

What is WPS?

This is a standard that makes it easy to make security settings when connecting to a wireless LAN access point. We recommend that you use WPS when connecting to a wireless LAN access point.

1. Insert the wireless USB Adapter (WNA1100-RL; sold separately) into the HPi-50's USB memory port.

2. While holding down the [Key Touch] button, press the [Transpose] button.

The "Function" screen will appear.

3. Use the cursor [▲] [▼] buttons to select "Wireless," and press the cursor [►] button.

4. Press the cursor [▲] [▼] buttons to select the "Connect By WPS," then press the [○] button.

"Press the WPS button on your Wireless Access Point. Then push [Circle] to setup connection," will appear.

5. Perform the WPS operation on your wireless LAN access point (e.g., press the WPS button on your wireless LAN access point).

For details on WPS operation of your wireless LAN access point, refer to the documentation for your wireless LAN access point.

6. Press the [○] button of the HPi-50.

Once successfully connected, "Completed" will appear.

Press the [×] button to return to the wireless screen.

7. Press the [Key Touch] or [Transpose] button to exit Function mode.

NOTE

* The device (e.g., iPad) running the app must be connected to the same network.

MEMO

- The connection data is stored in memory when you perform the WPS procedure; the device will automatically connect to the wireless network the next time.
- All connection data will be erased if you perform a factory reset.

Icons in the display

The status of the wireless LAN will be indicated in the upper-left part of the display.

Icon	Explanation
	Currently connected to the wireless LAN access point. Three bars are used to indicate the signal level (the strength of the connected wireless LAN access point's radio signal).
	The wireless USB adapter is inserted, but not connected with a wireless LAN access point.
	The wireless USB adapter is not inserted (nothing is displayed).
	Ad-Hoc mode (p. 61).

Wireless LAN Function Settings

You can view or edit the wireless settings.

Basic Operation

1. **While holding down the [Key Touch] button, press the [Transpose] button.**
2. **Use the cursor [▲] [▼] buttons to select "Wireless," and press the cursor [►] button.**
3. **Press the cursor [▲] [▼] buttons to select menu, then press the [◯] button.**

Menu	Explanation
Connect By WPS	Connection will be made using WPS.
Select Access Point	Connection will be made to the wireless LAN device you specify.
Option	Make settings for Wireless ID or Ad-Hoc mode (p. 61).

In the explanations that follow, procedures will be indicated using arrows, like this: **"Wireless" → "Connect By WPS."**

Status Indication

Once you're in the wireless screen, the status will be displayed, allowing you to confirm the details concerning the wireless LAN.

Display	Explanation
Access Point	Currently connected to the wireless LAN access point. The identifier (name) of the connected wireless LAN access point is shown.
Now Connecting	A connection with the wireless LAN access point is being established.
Not Connected	The wireless USB adapter is inserted, but not connected to a wireless LAN access point.
Not Available	The wireless USB adapter is not inserted.
Ad-Hoc SSID	Ad-Hoc mode (p. 61). The Ad-Hoc SSID, Ad-Hoc key, and IP address will be displayed. For details, refer to "Connecting in Ad-Hoc mode" (p. 61).

Connecting to a Wireless LAN Access Point That You Select (Select AP)

This method lets you connect by choosing a wireless LAN access point from the list that is displayed.

* Wireless standards 802.11g/n (2.4 GHz) and authentication methods WPA/WPA2 are supported.

1. **Choose "Wireless" → "Select Access Point," and press the [◯] button.**

The Select Access Point screen will appear.

- An "*" symbol is shown for the currently-connected wireless LAN access point.

2. **Use the cursor [▲] [▼] buttons to select the wireless LAN system to which you want to connect, and press the [◯] button.**

- You will be connected to the selected wireless LAN access point.
- If you're using this wireless LAN access point for the first time, you'll proceed to the authorization (Passphrase) screen.
- If this is a wireless LAN access point to which you have connected in the past, just press the [◯] button and you'll be connected. Once successfully connected, "Completed" will appear.

Press [×] button to return to the wireless screen.

Passphrase screen

3. **Enter the security code (passphrase) of your wireless LAN access point, and press the [◯] button.**

How to enter characters

Use the cursor [◄] [►] buttons to select the position at which you want to specify a character. Use the cursor [▲] [▼] buttons to change the character.

* You cannot enter a space at the end of the passphrase.

When connection has succeeded, the screen will indicate "Connected." Press the [×] button to return to the wireless screen.

4. **Press the [Key Touch] or [Transpose] button to exit Function mode.**

Other Settings (Option)

Make settings for Wireless ID or Ad-Hoc mode.

1. **Select "Wireless" → "Option."**
2. **Press the cursor [▲] [▼] buttons to select the parameter that you want to change.**
3. **Press the cursor [▲] [▼] buttons to edit the value of the setting.**

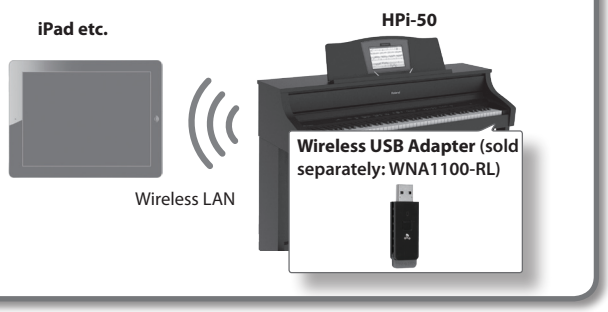
Parameter	Explanation
Wireless ID	Specifies the final digits of the HPi-50's device name and Ad-Hoc SSID (HPi-50) that will be shown as the instrument in the wirelessly connected app. Normally, you should specify "0," but if you have more than one of the same instrument, you can set the Wireless ID in the range of 1–99 to change the device name and Ad-Hoc SSID for each instrument, as follows. If Wireless ID=0, "HPi-50" (default value) If Wireless ID=1, "HPi-50_1" : If Wireless ID=99, "HPi-50_99"
Ad-Hoc Mode	Turns Ad-Hoc mode on/off.
Ad-Hoc Ch.	Specifies the channel (1–11) for Ad-Hoc mode. Normally, you won't need to change the channel. Try changing the channel only if you have problems connecting.

Connecting in Ad-Hoc mode

Here's how to connect in Ad-Hoc mode.

What is Ad-Hoc mode?

Ad-Hoc mode lets you connect the HPi-50 directly to an iPad or other wireless device without using a wireless LAN access point. This is a convenient way to use the HPi-50 with an iPad or other wireless device if you're in a location where the wireless LAN access point you normally use is unavailable, such as when you're away from home.



Limitations

The iPad or other wireless device connected in Ad-Hoc mode will be unable to communicate with the Internet or with another wireless device. However, an iPad or other wireless device that has cellular capability will be able to connect to the Internet via the cellular connection.

Please be aware that if you use a cellular connection for Internet connectivity, you may incur costs depending on your rate plan.

1. **Select "Wireless" → "Option."**
2. **Use the cursor [▲] [▼] buttons to select "Ad-Hoc Mode," and press the cursor [►] button to turn Ad-Hoc mode "ON."**
   * If you want to turn it off, press the cursor [◄] button.
3. **Press the [×] button to return to the wireless screen.**
4. **When Ad-Hoc mode is selected, the Ad-Hoc SSID (HPi-50), Ad-Hoc key (a five-character text string), and IP address will be displayed.**

   MEMO

   - The Ad-Hoc SSID (HPi-50) will be the value that you specified in the option screen "Wireless ID" setting.
   - The Ad-Hoc SSID and the Ad-Hoc key can also be verified in the status screen.
5. **On the iPad or other wireless device that you want to connect, select the Ad-Hoc SSID shown in the above screen to make the connection. (For example, on an iPad, choose [Settings] → [Wi-Fi] → [Choose a Network] to select the above Ad-Hoc SSID (HPi-50). A password entry screen will appear; enter the above Ad-Hoc key.)**

   For details on how to connect to a wireless LAN from an iPad or other device, refer to the owner's manual of that device.
6. **Press the [Key Touch] or [Transpose] button to exit Function mode.**
7. **When you have finished the Ad-Hoc mode connection, restore the iPad settings in [Settings] → [Wi-Fi] → [Choose a Network] to their previous state.**

Troubleshooting

Problem	Cause/Action	Page
Even though you're using headphones and the sound is muted, a thumping sound is heard when you play the keyboard	The unit uses a hammer action keyboard in order to simulate an acoustic piano's playing touch as realistically as possible. For this reason, you'll hear the hammers thump when you play the keyboard, just as you would when playing an acoustic piano. Since this unit allows you to adjust its volume, you might notice the sound of the hammers in certain situations, but this does not indicate a malfunction. If vibration transmitted to the floor or walls is a concern, you may be able to minimize the vibration by moving the piano away from the wall, or by laying down a commercially available anti-vibration mat designed for use with pianos.	–
Power turns off on its own	When 30 minutes have elapsed since you last played or operated this unit, the power will turn off automatically. (This is the factory setting). If you don't need the power to turn off automatically, turn the "Auto Off" setting "OFF."	p. 52
Power does not turn on	Is the AC adaptor connected correctly?	p. 72
	Could you have turned the power on again immediately after turning the power off? Allow an interval of at least five seconds before turning the power on again.	–
Screen display is irregular when power is turned on/off	Since the unit uses a liquid-crystal display, you may find that it is unable to display letters or other things in environments where temperatures go below 0 degrees Celsius (32 degrees Fahrenheit).	–
Pedal does not work, or is "stuck"	Is the pedal connected correctly? Plug the cable firmly into the pedal connector.	p. 72
	If you disconnect the pedal cord from the unit while the power is on, the pedal effect may remain "stuck" in the On condition. You must power-off the unit before connecting or disconnecting the pedal cord.	p. 72
	Could you have changed how the pedal effect is applied? If the damper pedal part is set to "R," the pedal will apply only to the right tone; if it is set to "L," the pedal will apply only to the left tone.	p. 55
	Could Twin Piano be turned on? If Twin Piano is on, the right pedal will affect only the right-hand keyboard zone and the left pedal will affect only the left-hand keyboard zone.	p. 26
	Could you have changed the function of the pedal? If you've reassigned the function of the center pedal, this pedal will not operate as the sostenuto pedal.	p. 51
Unable to read from/write to USB flash drive	Are you using (optional) Roland USB flash drive? Reliable performance cannot be guaranteed if you use non-Roland USB flash drive products.	–
	If you are unable to read or write USB flash drive successfully, change the USB memory mode.	p. 56
"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 instrument connected to Input jacks is too low.	Could the Input volume be set to "0"?	p. 54
	Raise the volume of the connected device.	–
	Could you be using a connection cable that contains a resistor? Use a connection cable that does not contain a resistor.	–
Connected MIDI device does not operate correctly	If turn off the unit, or the power is disrupted due to a power failure while you're connected to a MIDI device, the settings of that MIDI device may be altered. If this occurs, power-off the unit and your MIDI device. Then power-on the unit first, and next power-on your MIDI device.	–
No sound		
No sound	Could the unit's volume or the volume of the connected equipment be turned down?	p. 19
	Could headphones be connected? Could there be a plug inserted in a headphone jack? The speakers will not produce sound if headphones or plug are connected to the headphone jacks.	p. 17
	Has Local Control been set to "OFF"? When Local Control is set to "OFF," no sound is produced by playing the keyboard. Set Local Control to "ON."	p. 56
	Could Twin Piano mode be set to "2"? If headphones are connected when Twin Piano is ON and the mode is set to "2," notes played in the left-hand keyboard zone will not be heard from the headphones connected to the right Phones jack. Similarly, notes played in the right-hand keyboard zone will not be heard from the headphones connected to the left Phones jack.	p. 26
No sound when you play back a song	Has Local Control been set to "OFF"? When Local Control is set to "OFF," no sound is produced by playing the song. Set Local Control to "ON."	p. 56
No sound from the left most notes of the keyboard	Could the Visual Control mode be set to "MIDI VISUAL CONTROL" or "VLNK"? If the Visual Control mode is set to "MIDI VISUAL CONTROL" or "VLNK," the lowest 12 keys of the keyboard (A0–G#1) are used to control images; they will not produce sound.	p. 57
No sound (when a MIDI device is connected)	Are all devices powered on?	–
	Are the MIDI cables connected correctly?	–
	Do the MIDI channels of the unit and the connected device match?	p. 56
Notes don't sound right		
Pitch of the keyboard or song is incorrect	Could you have made Transpose settings?	p. 27, p. 45, p. 54
	Is the Master Tune setting appropriate?	p. 53
	Is the setting for the Temperament correct?	p. 53
	If stretch tuning is "ON," the piano will be tuned in a unique way; notes in the piano's upper range will be tuned slightly sharper, while notes in the lower range will be tuned slightly lower. For this reason, certain pitches may seem to be off, but this is actually the way that an acoustic piano should sound.	p. 49
Not all the notes you play are sounded	The maximum simultaneous polyphony is 128 voices. If you are playing along with a song and making heavy use of the damper pedal, the number of notes the unit is attempting to produce may exceed the maximum polyphony, meaning that some of the notes will drop out.	–
Sounds are heard twice (doubled) when the keyboard is played	Is the unit in Dual play?	p. 21
	When the unit is connected to an external sequencer, set the Local Control to off. Alternatively, the sequencer could be set so its Soft Thru feature is Off.	p. 56
Effect does not apply	When you are using Dual play or Split play, and different effects are specified for the two selected tones, the effect will not be applied to Tone 2 (when using Dual play) or the left-hand tone (when using Split play).	–
Reverberation remains even if You defeat the Ambience effect	The unit's piano sound faithfully simulates the depth and resonance of an acoustic piano, and this may give the impression of reverberation even if you've defeated the Ambience effect. Also, you may be able to eliminate some reverberation by reducing the value set for "Cabinet Resonance."	p. 48

Problem	Cause/Action	Page
The sound of the higher notes suddenly changes from a certain key	On an acoustic piano, the approximately one and a half octaves of notes at the top of the keyboard will continue sounding regardless of the damper pedal. These notes also have a somewhat different tonal character. The unit faithfully simulate this characteristic of acoustic pianos. On the unit, the range that is unaffected by the damper pedal will change according to the key transpose setting.	–
High-pitched ringing is heard	Are the speaker cables connected correctly?	p. 19
	If you hear this in headphones: Piano sounds that have a brilliant and crisp character contain substantial a metallic ringing has been added. This is because the character of malfunction. This sound can be adjusted by modifying the following settings. • String Resonance (p. 48) • Ambience (p. 24) • Duplex Scale (p. 48) **If you don't hear this in headphones:** It is likely that there is some other reason (such as resonances within the unit). Please contact your dealer or a nearby Roland service center.	–
Low notes sound wrong, or are buzzy	If you set the volume to the maximum setting, the sound may be distorted depending on how you perform. If this occurs, turn down the volume.	p. 19
	If you don't hear this in headphones: Performing at high volumes may cause the speakers or objects near the unit to resonate. Fluorescent lights or glass doors may also resonate sympathetically. In particular, this is more likely to occur for lower notes and higher volumes. You can take the following measures to minimize resonances. • 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. If you hear this in headphones: It is likely that there is some other reason. Please contact your dealer or a nearby Roland service center.	–
Song does not play correctly		
Only the sound of a particular instrument in a song does not play	Could a part be muted? If the button indicator is out, the music on that part is not heard. Press the part button so the indicator is illuminated.	p. 34
Sound is heard from a muted part	Could the part mute volume be set to other than "0"? If you set this to "0," the sound of a muted part will be completely inaudible.	p. 34
Song volume is low / Volume differs between recording and playback	Could the Song Balance volume be lowered?	p. 33
Can't play back a song saved in USB flash drive	Could the Audio files of the format be played? Audio files of the following format can be played back. • File extension ".WAV" • 16-bit linear • "44.1 kHz" sampling rate	–
	Is the filename extension ".MID"? Files with other filename extensions cannot be handled as song data.	–
Song tempo becomes unstable	When playing a song from USB flash drive, the tempo may become unstable if there is an excessive amount of performance data.	–
Song name in USB flash drive is not shown	The song name will not be shown if the song information in the file is empty or consists only of spaces.	–
	Is the filename extension ".MID"? Files with other filename extensions cannot be handled as song data.	–
Can't record / play back		
Can't record audio	Is a USB flash drive connected to the USB memory port?	–
Tone quality of the piano sound changes when you record a performance as audio	Thanks to its multiple number of speakers, each of which can be used to play a different portion of the overall sound, the unit is capable of producing piano sounds that possess great depth and seem to have three-dimensional presence. Such effects are produced when you play something on the keyboard, or when you play back a song that's been recorded as an SMF. However, when you make an audio recording, the song will consist of two channels (stereo), and such effects cannot be reproduced.	–
The recorded performance disappeared	Your recorded performance will disappear if you switch off the unit's power or select a song. There is no way to recover the lost performance. Before you turn off the power, save your recorded performance in the internal memory or the USB flash drive.	–
Problems when connecting to a wireless LAN		
Cannot connect to wireless LAN	• Check that your wireless LAN access point supports the WPS standard. If your wireless LAN access point does not support WPS, connect using the procedure described in "Connecting to a Wireless LAN Access Point That You Select (Select AP)" (p. 60). • The HPi-50 does not support the 802.11a and 802.11b wireless standards. Please use 802.11g or 802.11n (both at 2.4 GHz). • WEP authentication is not supported. Please use WPA or WPA2 authentication. • Be sure that your wireless LAN access point is set to use DHCP. • If the HPi-50 cannot connect to a wireless LAN access point that it previously could connect to, make sure the "Connecting in Ad-Hoc mode" (p. 61) setting is set to "OFF." • You may not be able to connect to the wireless network depending on the condition of the wireless signal. In this case, refer to the procedure described in "About the Wireless LAN Function" (p. 59) and try selecting and connecting to the wireless LAN access point again. • The HPi-50 remembers a limited amount of information about network connections. Once the limit is reached, data from new connections may overwrite older data. All connection data will be erased if you perform a factory reset. If network connection information is erased, repeat the connection procedure and connect again.	p. 59
"Error : 46" appears on the display and the HPi-50 cannot connect to the wireless LAN access point	The access point is not supported. Please use WPA or WPA2 authentication.	p. 59

Troubleshooting

Problem	Cause/Action	Page
Connection is unstable	Wireless communications may be unstable if the condition of the wireless signal is poor. If the wireless communications are unstable, responsiveness may deteriorate and audio drop-outs may occur. The following may solve the trouble. • Move the HPi-50 and the wireless LAN access point closer to each other. • Change the channel setting on the wireless LAN access point.	p. 59
The HPi-50 does not appear among the instruments connected to your application (such as Piano Partner for iPhone)	• Is the HPi-50 turned on? • Is a wireless USB adapter (WNA1100-RL) connected to the HPi-50's USB Memory port? • Is the HPi-50 connected to the wireless LAN? • Are the HPi-50 and the iPhone connected to the same network (i.e., the same wireless LAN access point)? • Is the wireless LAN access point set to allow communication among the devices connected to it? Refer to the wireless LAN's documentation for information about the relevant settings.	p. 59
The iPhone cannot connect to the Internet	• Is the wireless LAN access point connected to the Internet? • Could you be connected in Ad-Hoc mode? The iPhone or other wireless device connected in Ad-Hoc mode will be unable to communicate with the Internet or with another wireless device. However, an iPhone or other wireless device that has cellular capability will be able to connect to the Internet via the cellular connection. Please be aware that if you use a cellular connection for Internet connectivity, you may incur costs depending on your rate plan.	p. 59

Limitations regarding audio files

- Ambience will not be applied to audio files (p. 24).
- Audio data cannot be saved in the HPi-50's internal memory. In order to record audio, you must connect a USB flash drive (sold separately) (p. 17).
- The part mute function cannot be used for audio file playback (p. 34).
- Audio files cannot be copied.

Error Messages

Indication	Meaning
Error 1	You can only read the music file. It can not be saved.
Error 2	An error occurred during writing. The external media may be corrupted. Insert other external media and try again. Alternatively, you can initialize the external media. The external media's protect tab may be in the "Protect" (writing prohibited) position may not yet be initialized.
Error 10	No external media is inserted. Insert the external media and try again.
Error 11	There is not sufficient free memory in the save destination. Either insert other external media or delete unneeded files and try again.
Error 14	An error occurred during reading. The external media may be corrupted. Insert other external media and try again. Alternatively, you can initialize the external media.
Error 15	The file is unreadable. The data format is not compatible with the unit.
Error 16	Data was not called up in time for playback of the song. After waiting several seconds, you may be able to play back the song by pressing the [▶/■] (Play/Stop) button again.
Error 18	This audio format is not supported. Please use 44.1 kHz 16-bit linear WAV format audio files.
Error 30	The internal memory capacity of the unit is full.
Error 40	The unit cannot deal with the excessive MIDI data sent from the external MIDI device. Reduce the amount of MIDI data sent to the unit.
Error 41	A MIDI cable has been disconnected. Connect it properly and securely.
Error 43	A MIDI transmission error has occurred. Check the MIDI cable and connected MIDI device.
Error 46	This access point is not compatible. Use WPA/WPA2 authentication methods.
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 external media, then turn the power off, then on again.

* External media: USB flash drive, etc.

Tone List

Piano

No.	Tone name	Explanation
1	ConcertPiano	This is the sound of a splendid concert grand piano. It is the most highly recommended piano tone, and can be used for any musical style.
2	MagicalPiano	This is a charming sound that layers a synth bell with ConcertPiano.
3	Piano + Str.	This sound layers strings with ConcertPiano.
4	RagtimePiano	This is a honky-tonk piano sound, ideal for playing ragtime.
5	Rock Piano	This is a strong and robust piano sound, ideal for boogie-woogie.
6	Bright Piano	This is the sound of a bright grand piano, ideal when you want the piano to stand out in an ensemble.
7	Piano+Choir	This sound layers a choir with ConcertPiano.
8	Harpsichord	This is the delicate sound of a keyboard instrument widely used in Baroque music.
9	Fortepiano	This is the sound of an early piano, with a somewhat different timbre than a modern piano.
10	BalladePiano	This is a mellow grand piano sound, suitable for relaxed songs.
11	Piano + Pad	This sound layers a pad with ConcertPiano.
12	Mellow Forte	This is a mellow fortepiano sound.
13	Harpsi 8'+4'	This sound layers a harpsichord with a sound one octave higher.
14	Dolcechord	This is a fantasy-like sound that can be heard either as a piano or as a harpsichord.
15	Pure Piano	This is a grand piano sound with a clear and transparent tone. When using headphones, it will sound the same as ConcertPiano.
16	Bright Forte	This is a brilliant fortepiano sound.

E. Piano

No.	Tone name	Explanation
1	Tremolo EP	This is the sound of an electric piano with a tremolo effect applied. Since the speed of the tremolo will change according to the tempo, it will match the feel of your song.
2	E.Grand	This is the sound of an electric piano with a sound-producing mechanism similar to that of an acoustic piano. It has a strong attack with a somewhat different character than a conventional electric piano.
3	Pop E.Piano	This is a distinctively sharp sound with a clear metallic attack, particularly good for fusion styles.
4	Vintage EP	This is a classic electric piano sound that can be used with any musical style.
5	Clav.	This is the sound of an electric clavichord, ideal for percussive playing, and particularly good for funk.
6	FM E.Piano	This is the sound of an FM electric piano reminiscent of the 1980s. It is especially good for ballades.
7	Stage Phaser	This is the sound of an electric piano with a phaser effect applied.
8	'60s E.Piano	This is the sound of an electric piano that used vibrating reeds to produce sound, distinctive for its mellow tone. It is ideal for classic pop and rock songs of the past.
9	EP Belle	This is a sparkling electric piano sound. It is recommended for playing melody lines or memorable phrases.
10	'70s E.Piano	This is the sound of an electric piano that produced sound by striking metal bars with hammers. It has a distinctively hard sound.

Vibraphone/Other

No.	Tone name
Vibraphone	
1	Vibraphone
2	Marimba
3	Celesta
4	Mallet Isle
5	Ballad Bells
6	Morning Lite
Strings	
1	SymphonicStr
2	Epic Strings
3	Violin
4	Rich Strings
5	PizzicatoStr
6	OrchestraStr
7	Harp
8	Orchestra
9	Velo Strings
10	Cello
11	DecayStrings

No.	Tone name
Organ	
1	Pipe Organ
2	Nason flt 8'
3	Combo Jz.Org
4	Ballad Organ
5	Accordion
6	Gospel Spin
7	ChurchOrgan1
8	Light Organ
9	Full Stops
10	Mellow Bars
11	Lower Organ
12	ChurchOrgan2
13	'60s Organ
Voice	
1	Jazz Scat
2	SymphonicCho
3	Beauty Vox
4	Angels Choir
5	Male Aahs
6	Aerial Choir
7	Decay Choir

No.	Tone name
8	Female Aahs
9	Thum Voice
Pad	
1	Soft Pad
2	Harpvox
3	Glass Pad
4	Lunar Strngs
5	Dcy ChoirPad
Guitar/Bass	
1	Nylon-str.Gt
2	Steel-str.Gt
3	Jazz Guitar
4	AcousticBass
5	A.Bass+Cymbl
6	FingeredBass
Winds	
1	ChamberWinds
2	Flute
3	OrchestraBrs
4	Alto Sax
5	BrassSection
6	Tenor Sax

No.	Tone name
Drums	
1	STANDARD Set
2	ROOM Set
3	POWER Set
4	ELEC.Set
5	ANALOG Set
6	JAZZ Set
7	BRUSH Set
8	ORCH.Set
9	SFX Set
GM2	
1~256	Accompaniment-use GM2 tones

Internal Song List

No.	Song Title	Composer
Masterpiece		
1	The Nutcracker "Danse des Mirlitons"	Peter Ilyich Tchaikovsky
2	The Marriage of Figaro "Overture"	Wolfgang Amadeus Mozart
3	Sonate No.15	Wolfgang Amadeus Mozart
4	Liebesträume 3	Franz Liszt
5	Étude, op.10-3	Fryderyk Franciszek Chopin
6	Je te veux	Erik Satie
7	Valse, op.64-1	Fryderyk Franciszek Chopin
8	Barcarolle	Fryderyk Franciszek Chopin
9	Zhavoronok	Mikhail Ivanovich Glinka, Arranged by Mily Alexeyevich Balakirev
10	Floral Pursuits (*)	Léo Delibes, Arranged by John Maul
11	Sonate für Klavier Nr.23 1	Ludwig van Beethoven
12	Sonate für Klavier Nr.23 2	Ludwig van Beethoven
13	Sonate für Klavier Nr.23 3	Ludwig van Beethoven
14	Valse, op.34-1	Fryderyk Franciszek Chopin
15	Polonaise op.53	Fryderyk Franciszek Chopin
16	Nocturne No.20	Fryderyk Franciszek Chopin
17	Die Forelle	Franz Peter Schubert, Arranged by Franz Liszt
18	Reflets dans l'Eau	Claude Achille Debussy
19	La Fille aux Cheveux de Lin	Claude Achille Debussy
20	La Campanella	Franz Liszt
21	Scherzo No.2	Fryderyk Franciszek Chopin
22	Étude, op.10-12	Fryderyk Franciszek Chopin
23	Golliwog's Cakewalk	Claude Achille Debussy
24	Fantaisie-Impromptu	Fryderyk Franciszek Chopin
25	Arabesque 1	Claude Achille Debussy
26	An der schönen, blauen Donau	Johann Strauss, Sohn
27	Auf Flügeln des Gesanges	Felix Mendelssohn
28	Mazurka No.5	Fryderyk Franciszek Chopin
29	Gymnopédie 1	Erik Satie
30	Étude, op.25-1	Fryderyk Franciszek Chopin
31	Clair de Lune	Claude Achille Debussy
32	Étude, op.10-5	Fryderyk Franciszek Chopin
33	Dr. Gradus ad Parnassum	Claude Achille Debussy
34	Grande Valse Brillante	Fryderyk Franciszek Chopin
35	La prière d'une Vierge	Tekla Badarzewska
36	Course en Troïka	Peter Ilyich Tchaikovsky
37	To The Spring	Edvard Hagerup Grieg
38	Valse, op.64-2	Fryderyk Franciszek Chopin
39	Radetzky Marsch	Johann Baptist Strauss
40	Träumerei	Robert Alexander Schumann
41	Moments Musicaux 3	Franz Peter Schubert
42	Prélude, op.28-15	Fryderyk Franciszek Chopin
43	Harmonious Blacksmith	Georg Friedrich Händel
44	Ungarische Tänze 5	Johannes Brahms
45	Türkischer Marsch	Ludwig van Beethoven
46	Nocturne No.2	Fryderyk Franciszek Chopin
47	Frühlingslied	Felix Mendelssohn
48	Präludium	Johann Sebastian Bach
49	Jägerlied	Felix Mendelssohn
50	Passepied	Claude Achille Debussy
51	Für Elise	Ludwig van Beethoven
52	Türkischer Marsch	Wolfgang Amadeus Mozart
53	Ständchen	Franz Peter Schubert
54	Humoreske	Antonín Dvořák
55	Blumenlied	Gustav Lange
56	Alpenglöckchen	Theodor Oesten
57	Menuett G dur	Ludwig van Beethoven
58	Venezianisches Gondellied	Felix Mendelssohn
59	Alpenabendröte	Theodor Oesten
60	Farewell to the Piano	Ludwig van Beethoven
61	Brautchor	Wilhelm Richard Wagner
62	Forget-Me-Not	Heinrich Lichner
63	Wiener Marsch	Carl Czerny
64	Le Coucou	Louis Claude Daquin
65	Menuett G dur	Johann Sebastian Bach
66	Spinnerlied	Albert Ellmenreich
67	Gavotte	François Joseph Gossec
68	Heidenröslein	Gustav Lange
69	Zigeuner Tanz	Heinrich Lichner
70	La Cinquantaine	Gabriel Marie
71	Csikos Post	Hermann Necke
72	Dolly's Dreaming Awakening	Theodor Oesten
73	La Violette	Louis Streabbog
74	Fröhlicher Landmann	Robert Alexander Schumann
75	Sonatine op.36-1	Muzio Clementi
76	Sonatine op.20-1	Friedrich Kuhlau
77	Sonatine No.5	Ludwig van Beethoven
78	Trio Grande (*)	John Maul
79	My Pleasure (*)	Masashi Hirashita
80	Late Night Chopin (*)	John Maul
Selection		

- For information concerning the names of the songs in the selection, see "About the Internal Songs (Selection)," which is provided on separate sheet.

Kids		
1	Oh! Susanna	Stephen Collins Foster
2	De Camptown Races	Stephen Collins Foster
3	Red River Valley	Traditional American
4	Old Folks at Home	Stephen Collins Foster
5	The Other Day I Met a Bear	Traditional American
6	Scarborough Fair	Traditional British
7	Old MacDonald Had A Farm	Traditional Children's Song
8	Mary Had A Little Lamb	E. P. Christy
9	London Bridge	Traditional English
10	Twinkle Twinkle, Little Star	Traditional Children's Song
11	Frog Song	Traditional
12	Puppy's March	Traditional
13	Little Fox	Traditional
14	Lightly Row	Traditional
15	The Cuckoo	Traditional
16	Grandfather's Clock	Henry Work
17	We Wish You a Merry Christmas	Traditional Christmas Carol
18	Jingle Bells	James Pierpont
19	Joy To The World	Lowell Mason
20	Silent Night, Holy Night	Franz Gruber
Beyer		
1–106	Beyer 1-106	Ferdinand Beyer

No.	Song Title	Composer
Burgmüller		
1	Openness	Friedrich Burgmüller
2	Arabesque	
3	Pastoral	
4	A Small Gathering	
5	Innocence	
6	Progress	
7	The Clear Stream	
8	Gracefulness	
9	The Hunt	
10	Tender Flower	
11	The Young Shepherdess	
12	Farewell	
13	Consolation	
14	Austrian Dance	
15	Ballad	
16	Sighing	
17	The Chatterbox	
18	Restlessness	
19	Ave Maria	
20	Tarantella	
21	Angelic Harmony	
22	Gondola Song	
23	The Return	
24	The Swallow	
25	The Knight Errant	
Czerny 100		
1–100	Czerny 100	Carl Czerny
Czerny 30		
1–30	Czerny 30	Carl Czerny
Hanon		
1–20	Hanon 1-20	Charles Hanon
Invention		
1–15	Invention	Johann Sebastian Bach

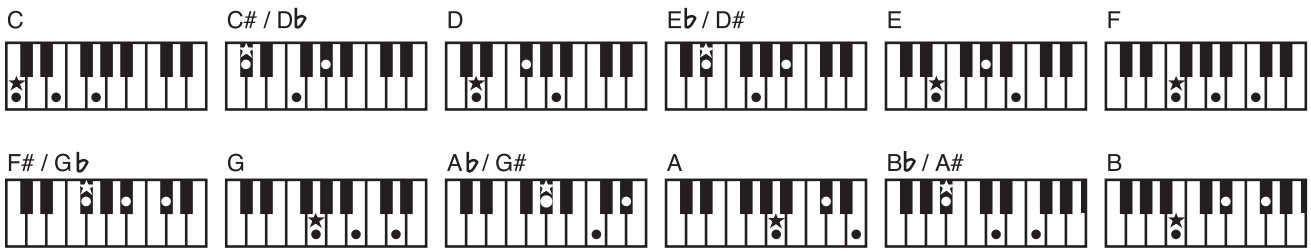
* Use of the internal songs for any purpose other than private, personal enjoyment without the permission of the copyright holder is forbidden by law.
* No data for the music that is played will be output from MIDI Out connector and USB Computer port.
* Original songs composed by the Roland Corporation are indicated with a (*) mark. The copyrights to these songs are owned by the Roland Corporation.

Chord Fingering List

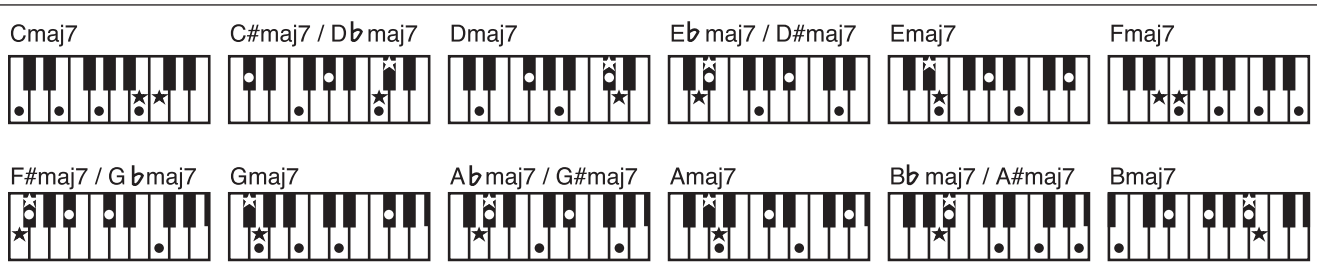
● symbol: Indicates the constituent notes of chords.

★ symbol: Chords shown with an "★" can be played by pressing just the key marked with the "★".

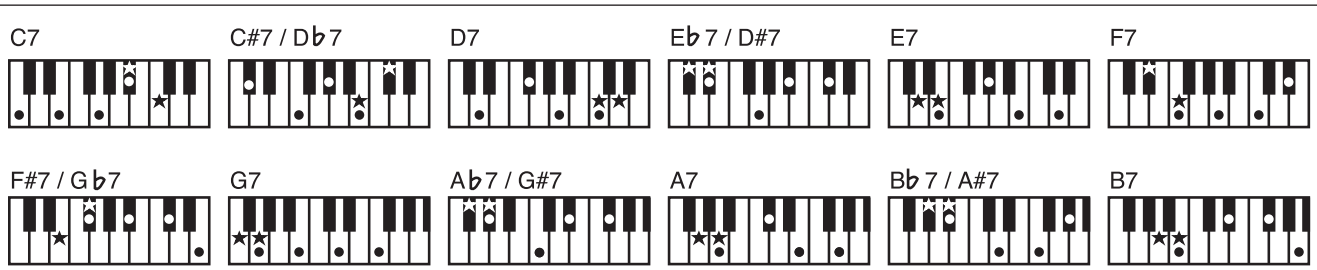
Major



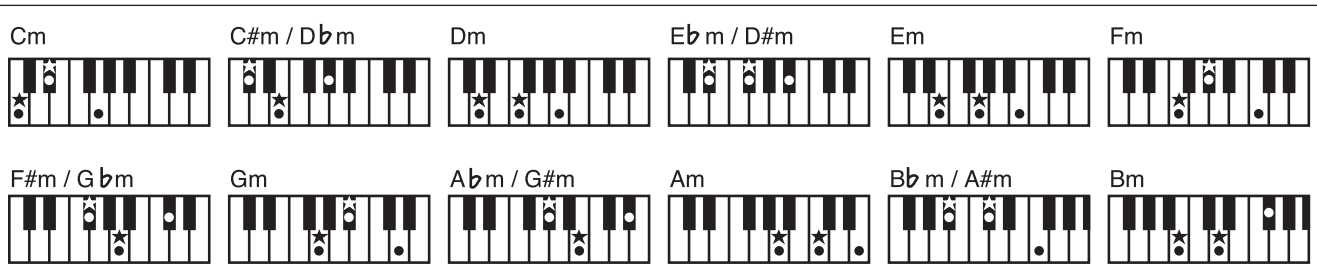
Major seventh



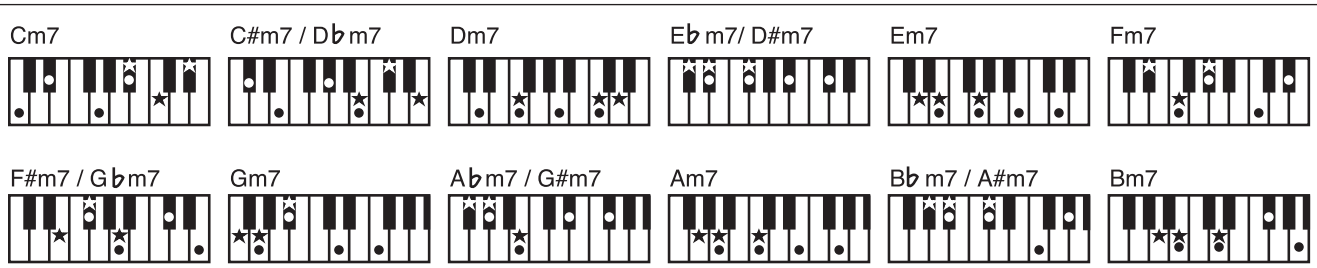
Seventh



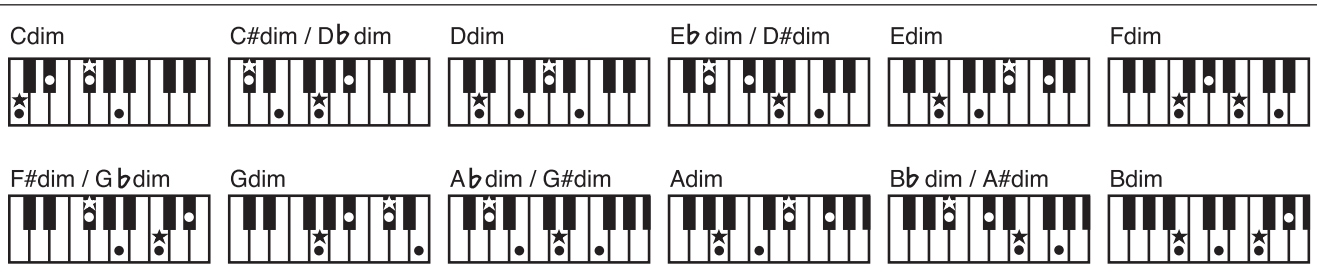
Minor



Minor seventh



Diminished



Settings That Can Be Saved by Memory Backup

Although the settings of the HPi-50 will return to their default values when you turn off the power, the following settings can be saved by carrying out the "Storing Your Settings (memory backup)" (p. 12).

Setting item	Page
Ambience/Brilliance	p. 24
Key touch	p. 25
Transpose link	p. 27
Twin piano mode	p. 26
Split point	p. 23
Dual balance	p. 21
Metronome volume	p. 30
Metronome sound	p. 30
Master tuning	p. 53
Temperament	p. 53
Temperament key	p. 53
Right pedal	p. 55
Midi Tx Channel	p. 56
Visual control Tx channel	p. 57
Language	p. 57
Piano designer parameter	p. 48

Items Saved in a User Program

The following settings are saved as part of a User Program.

Setting item	Page
Song balance	p. 33
Ambience	p. 24
Transpose on/off	p. 27
Transpose value * Depending on the setting for Transpose Link that is in effect at the time loading takes place, the keyboard will be set to keyboard/song.	p. 27
Twin Piano on/off	p. 26
Tone (Tone 1)	p. 20
Split on/off	p. 22
Split left-hand tone	p. 22
Split point	p. 23
Dual on/off	p. 21
Dual tone (Tone 2)	p. 21
Dual balance	p. 21
Rotary speed	p. 20
Tempo	p. 30
Center pedal	p. 55
Left pedal	p. 55
Style	p. 42
Intro	p. 42
Arranger	p. 42
Sync	p. 42

Roland HPi-50: Digital Piano

Keyboard	
Keyboard	88 keys (PHA III Ivory Feel Keyboard with Escapement)
Touch Sensitivity	Key Touch: 100 types, Fixed Touch Hammer Response: 0–10
Keyboard Mode	Whole, Dual (volume balance adjustable), Split (split point adjustable), Twin Piano
Pedals	
Pedals	Damper (Progressive Damper Action Pedal, capable of continuous detection) Soft (capable of continuous detection, function assignable) Sostenuto (function assignable)
Sound Generator	
Piano Sound	SuperNATURAL Piano Sound
MIDI Format	Conforms to GM2, GS, XG Lite
Max. Polyphony	128 voices
Tones	Total 348 tones Piano: 16 tones E. Piano: 10 tones Vibraphone: 6 tones Strings: 11 tones Organ: 13 tones Voice: 9 tones Pad: 5 tones Guitar/Bass: 6 tones Winds: 6 tones Drums: 10 tones (9 drum sets, 1 SFX set) GM2: 256 tones
Temperament	8 types, selectable temperament key
Stretched Tuning	Preset, User tuning (adjustable in individual notes: -50.0–+50.0 cent), Off
Master Tuning	415.3 Hz–466.2 Hz (adjustable in increments of 0.1 Hz)
Transpose	Key Transpose: -6–+6 (in semitones) Playback Transpose (including audio files): -6–+6 (in semitones)
Effects	Ambience (0–10) Brilliance (0–10) **Only for piano tones (Piano Designer)** Open/close lid (0–6) Hammer Noise (1–5) Damper Resonance (0–10) Duplex Scale (0–10) String Resonance (0–10) Key Off Resonance (0–10) Cabinet Resonance (0–10) Soundboard Behavior (0–10) Damper Noise (0–10) **Only for organ tones** Rotary Speaker Effect (Slow/Fast)
Metronome	
Tempo	Quarter note = 10–500
Beat	2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8
Volume	Off, 10 levels
Pattern	11 patterns
Sound	8 types

SMF Recorder	
Tracks	3 tracks
Song Format	Standard MIDI Files (Format 0)
Storage Quantity	Recorder section: 1 song Internal memory: Max. 200 songs
Note Storage	Approx. 30,000 notes
Recording Method	Replace, Mix
Control	Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Reset, Track Mute, Mute Volume, Tempo, Tempo Mute, All Songs Play, Count-in, Song Balance, AB Repeat
Tempo	Quarter note = 10–500
Resolution	120 ticks per quarter note
Edit	Copy, Insert, Delete, Erase, Part Exchange, Quantize, Transpose, Note Edit, PC Edit, Notation Mark, Key Signature, Beat Map
Audio	
Playable format	Audio files (WAV format, 44.1 kHz, 16-bit linear)
Recording (when using sold separately USB Flash Memory)	Keyboard, SMF data, Audio from Input jacks
Recording format (when using sold separately USB Flash Memory)	Audio files (WAV format, 44.1 kHz, 16-bit linear)
Transpose	Playback Transpose (with Audio from Input jacks): -6–+6 (in semitones)
Tempo	Audio Playback Speed: 75–125 %
Control	Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Reset, Tempo, All Songs Play, Song Balance, AB Repeat, Center Cancel (with Audio from Input jacks)
DigiScore	
Score Display	Great Staff, G Clef, F Clef
Mark	Notation Mark, Pitch Name, Lyrics, Chord, Finger Number
Size	Small (32 measures *), Medium (15 measures *), Large (8 measures *), With note names (2 measures *) * Use default setting.
Function	Auto Sync, Keyboard indication
Lesson Application	
Music Games	Wonderland, Flash Card, Twin Piano Game, Scroll Game
Music Learning	DoReMi Course, Visual Lesson, Medal Collection, Finger Training
Music Creation	Rhythm, 16 Part Recorder, Song Edit, Audio Convert
Rhythm	
Rhythm	50 rhythms
Control	Start/Stop, Intro/Ending, Sync Start, Fill-in, Leading Bass, Arranger On/Off, Tempo
User Program	
Preset	40 types
Storage Quantity	Internal memory: Max. 99 sets External memory: Max. 99 sets
Internal Memory	
Save Format	Standard MIDI Files (Format 0)
Storage Quantity	Max. 100 songs
External Memory	
External Storage	USB Flash Memory
Playable Song Format	Standard MIDI Files (Format 0, 1), Roland original format (i-Format), Audio Files (WAV format, 44.1 kHz, 16-bit linear)
Save Format	Standard MIDI Files (Format 0) Audio Files (WAV format, 44.1 kHz, 16-bit linear)

Others	
Internal Songs	Piano Masterpieces: 80 songs Kids: 20 songs Bayer: 106 songs Burgmuller: 25 songs Czerny 100: 100 songs Czerny 30: 30 songs Hanon: 20 songs Invention: 15 songs
Other Functions	Panel Lock, V-LINK, MIDI Visual Control, Classic Position, Tone Demo, Score BMP Export, Auto Off, Roland Wireless Connect
Language	English, French, German, Japanese, Spanish, Italian, Dutch (French, German, Spanish, Italian and Dutch only apply to some messages in the screen)
Display	Graphic color LCD 1,280 x 800 dots (with a music rest)
Connectors	DC In jack Pedal connector: 8-pin DIN type Input (L/Mono, R) jacks: RCA phono type Output (L/Mono, R) jacks: 1/4-inch phone type USB Computer port: USB Type B USB Memory port: USB Type A MIDI (In, Out) connectors Phones jacks (Stereo, with Twin Piano Individual Mode) x 2: Stereo 1/4-inch phone type
Rated Power Output	30 W x 2 5 W x 2
Volume Level (SPL)	108 dB * This value was measured according to the method that is based on Roland's technical standard.
Speakers	Cabinet speakers: 12 cm (4-3/4 inches) x 2 Spatial/Nearfield speakers: 5 cm (2 inches) x 2
Control	Volume knob
Power Supply	AC adaptor
Power Consumption	18 W (17–39 W) 18 W: Average power consumption while piano is played with volume at center position 17 W: Power consumption immediately after power-up; nothing being played 39 W: Rated power consumption
Dimensions (including piano stand)	1,387 (W) x 430 (D) x 1,097(H) mm 54-5/8 (W) x 16-15/16 (D) x 43-3/16(H) inches
Weight (including piano stand)	58 kg 128 lbs
Accessories	Owner's Manual AC adaptor Power cord (for connecting AC adaptor) Headphone hook (*1) Music rest Music rest attachment screws Stand assembly leaflet (*1) Screw set (for assembling piano stand) (*1) *1 Supplied with the stand.
Options (sold separately)	Headphones USB Flash Drive (*2) Wireless USB Adapter (*2) Piano Setting Mat *2 Use USB Flash Memory and Wireless USB Adapter sold by Roland. We cannot guarantee operation if other products are used.

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

Assembling

- To assure that assembly is carried out properly, make sure to read these instructions before you begin the assembly. Please keep these instructions close at hand, so you can refer to them whenever you need.
- To move the piano, lift it carefully—all the while keeping it level.
- Be careful not to pinch your hands or drop this unit on your foot during assembly or transport.
- Make sure to enlist the help of at least one other person when assembling this unit and moving it to a different location.
- Make sure to keep screws and any other small parts in a safe location that is out of the reach of small children, so such small parts won't accidentally get swallowed.
- All screws should be tightened provisionally first, then tightened later. To tighten a screw provisionally, screw it in until about half of its length is no longer visible. Do not use an electric screwdriver when tightly securing the screws. Otherwise, you risk stripping the threads.

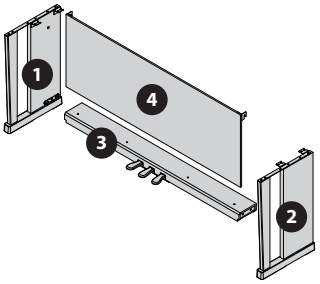
* The screwdriver needed to perform the assembly is not supplied. You'll need to have ready a Phillips screwdriver that matches the size of the screws.

* After firmly tightening all the screws, place the unit at a location that is level and sure to remain stable. The unit must never be placed on top of deep-pile carpet. Otherwise, you risk causing damage to the pedals due to instability and unnecessary movement.

* The surface of the piano unit and the stand are very delicate; handle with care to avoid scratching them.

* Do not place the piano unit directly on the floor. Doing so will damage the bottom panel case and the connectors and holders on the bottom of the piano.

Parts Check



1. Side Board (left)
2. Side Board (right)
3. Pedal Board
4. Rear Board


A Screw (M5 × 40 mm) x 4


B Screw (M5 × 20 mm) x 6


C Screw (M4 × 16 mm) x 2


D Headphone Hook x 1

* You will also need to have a Phillips screwdriver (size: #2).

1. Assembly Procedure

*** At first, assemble the entire stand in a temporary fashion, without really tightening the screws. Then, after checking the overall alignment of the boards (and gently shifting certain parts where necessary), go around and tightly fasten each of the screws.**

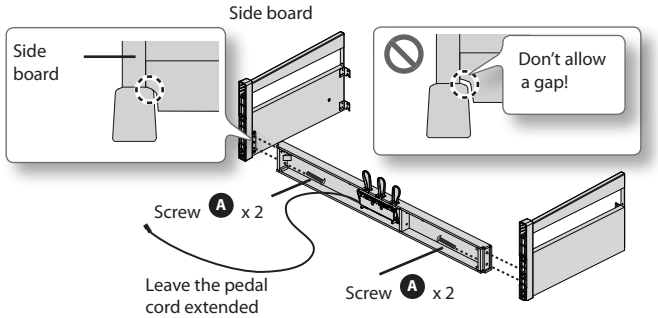
*** If necessary, spread out a blanket or similar material to prevent the stand or floor from being scratched during assembly.**

*** Be careful not to pinch the pedal cord during assembly.**

1. As shown in the illustration, place the left and right side boards on the pedal board so that the metal brackets are on the inside, and fasten them provisionally using screws A (M5 x 40 mm).

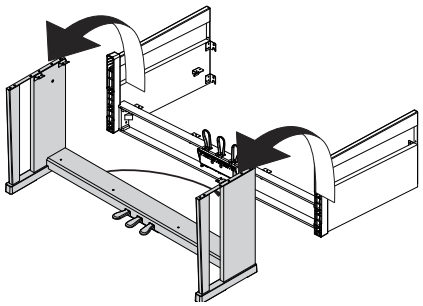
2. Firmly tighten the screws A (four locations) that you tightened provisionally in step 1.

*** When attaching the pedal board, do not allow any gap to remain between the side board and pedal board when the pieces are assembled.**

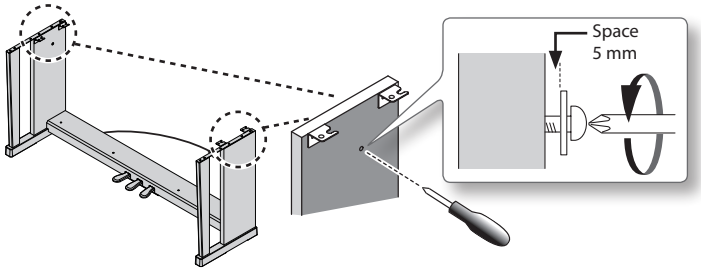


3. With the help of another person, raise the left and right side boards to an upright position.

*** Take care that the pedal boards are not twisted.**



4. Loosen the screws attached to the left and right side boards approximately three turns, so that they protrude about 5 mm, as shown in the illustration.

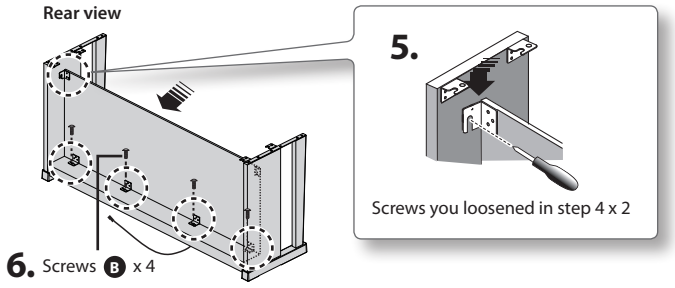


5. Hook the metal brackets of the rear board over the screws you loosened, as shown in the illustration.

6. Use four screws Ⓑ (M5 x 20 mm) to provisionally fasten the pedal board.

7. Securely tighten the two side board screws and four pedal board screws.

* When attaching the rear board, before tightening the screws, adjust things as necessary at all the points where there are screws so as to assure that the rear board is aligned in parallel with the pedal board.

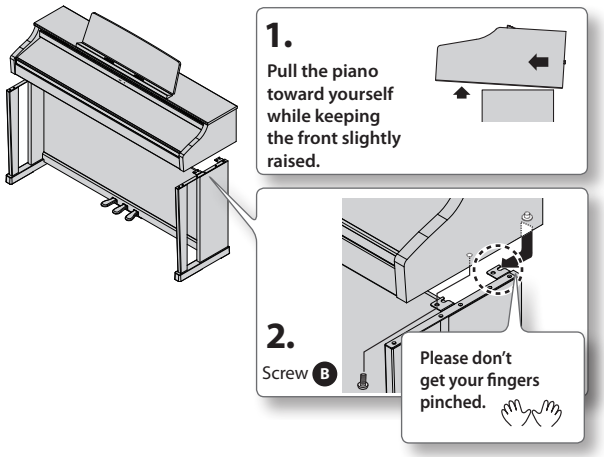


2. Install the Piano onto the Stand

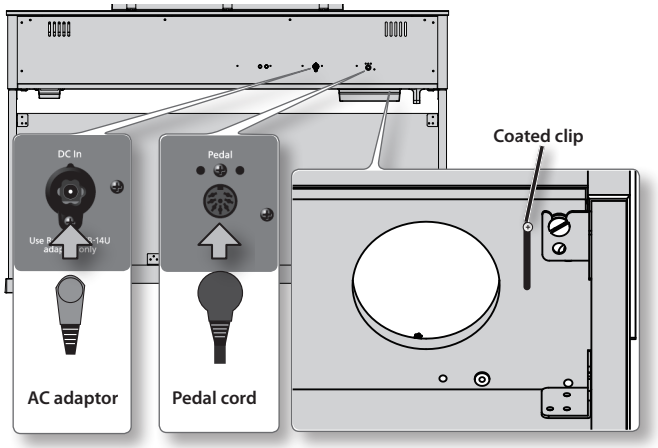
1. Align the screws on the bottom of the piano (one each at left and right) with the metal brackets on the side boards. Then, while lifting the front of the piano one or two centimeters, pull it toward yourself so that the screws engage the metal brackets.

* When handling the piano, firmly grasp it. Be careful, so you do not get your fingers pinched.

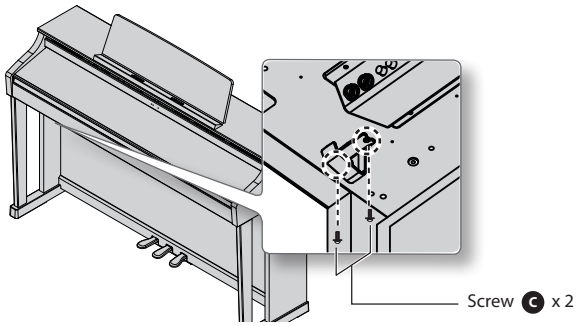
2. Fasten the piano to the stand with the screw Ⓑ (M5×20 mm).



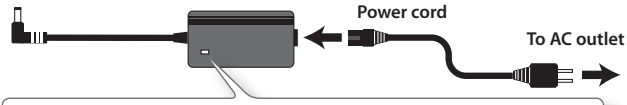
3. Connect the AC adaptor to the DC In jack on the back of the piano, and connect the pedal cord to the Pedal connector. As needed, use the coated clip on the bottom of the piano to fasten the power cord and the pedal cord.



4. Fasten the headphone hook Ⓓ using screws Ⓒ (M4 x 16 mm).



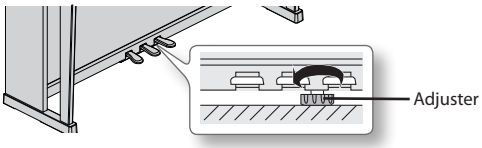
5. Connect the supplied AC adaptor and power cord.



Place the AC adaptor so the side with the indicator faces upwards and the side with textual information faces downwards. The indicator will light when you plug the AC adaptor into an AC outlet.

6. Adjust the Adjuster.

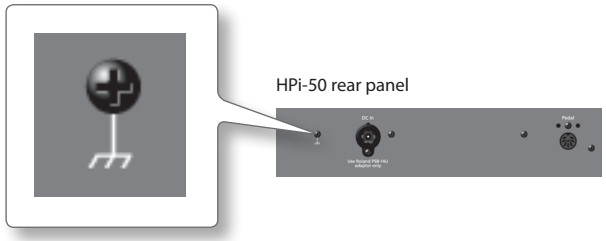
Turn the adjuster to lower it until the adjuster is in firm contact with the floor. In particular, when you've placed the piano on carpet, you must turn the adjuster until it is pressing firmly against the floor.



* The pedal may be damaged if there is a gap between the adjuster and the floor.

About ground terminal

Depending on the circumstances of a particular setup, you may experience a discomforting sensation, or perceive that the surface feels gritty to the touch when you touch this device, microphones connected to it, or the metal portions of other objects, such as guitars. This is due to an infinitesimal electrical charge, which is absolutely harmless. However, if you are concerned about this, connect the ground terminal (see figure) with an external ground. When the unit is grounded, a slight hum may occur, depending on the particulars of your installation. If you are unsure of the connection method, contact the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.



Unsuitable places for connection

- Water pipes (may result in shock or electrocution)
- Gas pipes (may result in fire or explosion)
- Telephone-line ground or lightning rod (may be dangerous in the event of lightning)

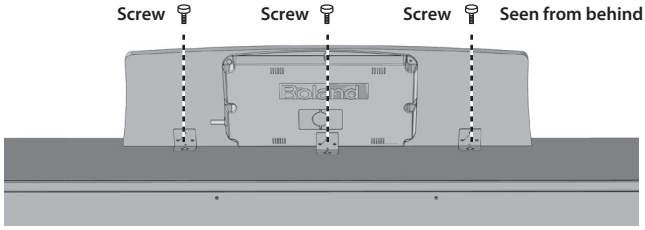
When Moving the Piano

When you need to move the unit, you should first close the keyboard cover, disconnect the AC adaptor, and raise the adjusters of the stand. When moving the unit, at least two people should work together and lift the unit carefully, all the while keeping it level, and being very careful so as not to pinch your hands or drop the unit on your feet.

Attaching the Music Rest

The HPi-50's music rest has a built-in liquid crystal display.

Attach the music rest as described in the following procedure, and handle it with care.



1. Remove the music rest screws (3 locations) from the top surface.

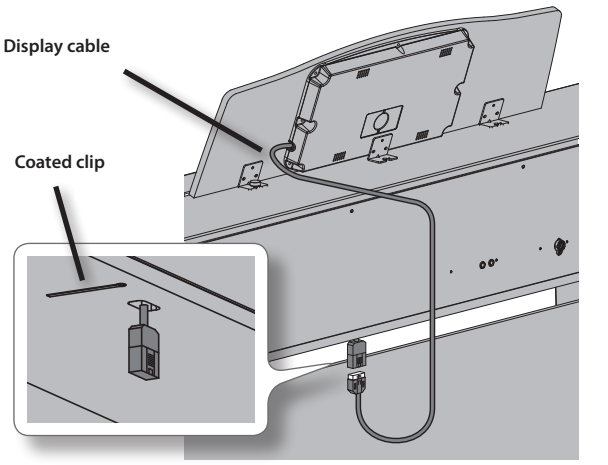
2. Fasten the music rest using the screws you removed.

Use one hand to support the music rest, use the other hand to tighten the screws. When attaching the music rest, firmly insert it all the way, and use your hand to support it so that it does not fall. Take care not to pinch your hand.

NOTE

- Do not apply excessive force to the music rest.
- You must use the included screws to attach the music rest.
- For safety, be sure to remove the music rest before transporting the HPi-50.
- Take care that the music rest attachment screws you remove are not lost or accidentally swallowed by small children.
- Completely remove the screws from the top surface before attaching the music rest. If screws are left on the top surface when you attach the music rest, the top surface may be scratched.

Connecting the Display Cable



1. Connect the music rest display cable to the display cable connector located on the bottom of the HPi-50.

NOTE

You must turn off the power before connecting the display cable.

MEMO

As needed, use the coated clip on the bottom of the piano to fasten the display cable.

About the Ivory Feel Keyboard

Features of an ivory feel keyboard

Traditional piano keys are made from the best materials-ivory (for white keys) and ebony (for black keys). The Ivory Feel keyboard uses the latest in technology to reproduce the touch and feel of these materials.

An Ivory Feel keyboard offers the following features.

- We're sure you'll develop a fondness for the distinctive texture of these keys, which feels better the more you play them.
- Surfaces incorporate stripes of moisture-absorbing material for improved touch and playability.
- The keys feature subtle gloss and understated coloring, enhancing the look and elegance.
- The white keys are finished with a slight yellowish tinge for the look of real ivory.

Handling

- 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.

Care and maintenance

Please note the following points. Failure to do so may result in scratches on the surface finish, damaged gloss, or other discoloration or deformation.

- To remove dirt, use a soft cloth.
  Using a moistened and tightly wrung-out cloth, gently wipe off any dirt.
  Do not rub the surface vigorously.
- 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.
- Do not use benzene, paint thinner, or alcohol on the instrument.

Index

Information

When you need repair service, call your nearest Roland Service Center or authorized Roland distributor in your country as shown below.

AFRICA

EGYPT
Al Fanny Trading Office
9, EBN Hagar Al Askalany Street,
ARD E1 Golf, Heliopolis,
Cairo 11341, EGYPT
TEL: (022)-417-1828

REUNION
MARCEL FO-YAM Sarl
25 Rue Jules Hermann,
Chaudron - BP79 97 491
Ste Clotilde Cedex,
REUNION ISLAND
TEL: (0262) 218-429

SOUTH AFRICA
Paul Bothner(PTY)Ltd.
Royal Cape Park, Unit 24
Londonderry Road, Ottery 7800
Cape Town, SOUTH AFRICA
TEL: (021) 799 4900

ASIA

CHINA
Roland Shanghai Electronics Co.,Ltd.
5F. No.1500 Pingliang Road
Shanghai 200090, CHINA
TEL: (021) 5580-0800

Roland Shanghai Electronics Co.,Ltd. (BEIJING OFFICE)
3F, Soluxe Fortune Building
63 West Dawang Road, Chaoyang District, Beijing, CHINA
TEL: (010) 5960-2565

HONG KONG
Tom Lee Music
11/F Silvercord Tower 1
30 Canton Rd
Tsimshatsui, Kowloon,
HONG KONG
TEL: 852-2737-7688

Parsons Music Ltd.
8th Floor, Railway Plaza, 39
Chatham Road South, T.S.T,
Kowloon, HONG KONG
TEL: 852-2333-1863

INDIA
Rivera Digitec (India) Pvt. Ltd.
411, Nirman Kendra Mahalaxmi Flats Compound Off. Dr. Edwin Moses Road, Mumbai-400011, INDIA
TEL: (022) 2493 9051

INDONESIA
PT. Citra Intirama
Ruko Garden Shopping Arcade
Unit 8 CR, Podomoro City
Jl.Letjend. S.Parman Kav.28
Jakarta Barat 11470, INDONESIA
TEL: (021) 5698-5519/5520

KAZAKHSTAN
Alatau Dybystary
141 Abylai-Khan ave, 1st floor,
050000 Almaty, KAZAKHSTAN
TEL: (727) 2725477
FAX: (727) 2720730

KOREA
Cosmos Corporation
1461-9, Seocho-Dong,
Seocho Ku, Seoul, KOREA
TEL: (02) 3486-8855

MALAYSIA/ SINGAPORE
Roland Asia Pacific Sdn. Bhd.
45-1, Block C2, Jalan PJU 1/39,
Dataran Prima, 47301 Petaling Jaya, Selangor, MALAYSIA
TEL: (03) 7805-3263

PHILIPPINES
G.A. Yupangco & Co. Inc.
339 Gil J. Puyat Avenue
Makati, Metro Manila 1200,
PHILIPPINES
TEL: (02) 899 9801

TAIWAN
ROLAND TAIWAN ENTERPRISE CO., LTD.
9F-5, No. 112 Chung Shan
North Road Sec. 2 Taipei 104,
TAIWAN R.O.C.
TEL: (02) 2561 3339

THAILAND
Theera Music Co. , Ltd.
100-108 Soi Verng Nakornkasem,
New Road,Sumpantawong,
Bangkok 10100, THAILAND
TEL: (02) 224-8821

VIET NAM
VIET THUONG CORPORATION
386 CACH MANG THANG TAM ST.
DIST.3, HO CHI MINH CITY,
VIET NAM
TEL: (08) 9316540

OCEANIA

AUSTRALIA/ NEW ZEALAND
Roland Corporation Australia Pty.,Ltd.
38 Campbell Avenue
Dee Why West. NSW 2099,
AUSTRALIA

For Australia
TEL: (02) 9982 8266
For New Zealand
TEL: (09) 3098 715

CENTRAL/LATIN AMERICA

ARGENTINA
Instrumentos Musicales S.A.
Av.Santa Fe 2055
(1123) Buenos Aires, ARGENTINA
TEL: (011) 4508-2700

BARBADOS
A&B Music Supplies LTD
12 Webster Industrial Park
Wildey, St.Michael, BARBADOS
TEL: (246) 430-1100

BRAZIL
Roland Brasil Ltda.
Rua San Jose, 211
Parque Industrial San Jose
Cotia - Sao Paulo - SP, BRAZIL
TEL: (011) 4615 5666

CHILE
Comercial Fancy II S.A.
Rut.: 96.919.420-1
Nataniel Cox #739, 4th Floor
Santiago - Centro, CHILE
TEL: (02) 384-2180

COLOMBIA
Centro Musical Ltda.
Cra 43 B No 25 A 41 Bododega 9
Medellin, COLOMBIA
TEL: (574) 3812529

COSTA RICA
JUAN Bansbach Instrumentos Musicales
Ave.1. Calle 11, Apartado 10237,
San Jose, COSTA RICA
TEL: 258-0211

CURACAO
Zeelandia Music Center Inc.
Orionweg 30
Curacao, Netherland Antilles
TEL: (305) 5926866

DOMINICAN REPUBLIC
Instrumentos Fernando Giraldez
Calle Roberto Pastoriza #325
Sanchez Naco
Santo Domingo,
DOMINICAN REPUBLIC
TEL: (809) 683 0305

ECUADOR
Mas Musika
Rumichaca 822 y Zaruma
Guayaquil - ECUADOR
TEL: (593-4) 2302364

EL SALVADOR
OMNI MUSIC
75 Avenida Norte y Final Alameda Juan Pablo II,
Edificio No.4010 San Salvador,
EL SALVADOR
TEL: 262-0788

GUATEMALA
Casa Instrumental
Calzada Roosevelt 34-01,zona 11
Ciudad de Guatemala,
GUATEMALA
TEL: (502) 599-2888

HONDURAS
Almacen Pajaro Azul S.A. de C.V.
BO.Paz Barahona
3 Ave.11 Calle S.O
San Pedro Sula, HONDURAS
TEL: (504) 553-2029

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Musique & Son
Z.I.Les Mangle
97232 Le Lamentin,
MARTINIQUE F.W.I.
TEL: 596 596 426860

MEXICO
Casa Veerkamp, s.a. de c.v.
Av. Toluca No. 323, Col. Olivar de los Padres 01780 Mexico D.F.,
MEXICO
TEL: (55) 5668-6699

NICARAGUA
Bansbach Instrumentos Musicales Nicaragua
Altamira D'Este Calle Principal de la Farmacia 5ta.Avenida
1 Cuadra al Lago.#503
Managua, NICARAGUA
TEL: (505) 277-2557

PANAMA
SUPRO MUNDIAL, S.A.
Boulevard Andrews, Albrook,
Panama City, REP. DE PANAMA
TEL: 315-0101

PARAGUAY
Distribuidora De Instrumentos Musicales
J.E. Olear y ESQ. Manduvira
Asuncion, PARAGUAY
TEL: (595) 21 492147

PERU
Audionet Distribuciones Musicales SAC
Av. 2 de Mayo 562
Miraflores
Lima, PERU
TEL: (511) 447-0691

TRINIDAD
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Ground Floor
Maritime Plaza
Barataria TRINIDAD W.I.
TEL: (868) 638 6385

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Todo Musica S.A.
Francisco Acuna de Figueroa 1771
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Montevideo, URUGUAY
TEL: (02) 924-2335

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Instrumentos Musicales Allegro,C.A.
Av.las industrias edf.Guitar import #7 zona Industrial de Turumo
Caracas, VENEZUELA
TEL: (212) 244-1122

EUROPE

BELGIUM/FRANCE/ HOLLAND/ LUXEMBOURG
Roland Central Europe N.V.
Houtstraat 3, B-2260, Oevel (Westerlo) BELGIUM
TEL: (014) 575811

BOSNIA AND HERZEGOVINA
Mix-AP Music
78000 Banja Luka, Veselina Maslese 3,
BOSNIA AND HERZEGOVINA
TEL: 65 403 168

CROATIA
ART-CENTAR
Degenova 3.
HR - 10000 Zagreb, CROATIA
TEL: (1) 466 8493

CZECH REP.
CZECH REPUBLIC DISTRIBUTOR s.r.o
Pod Bání 8
180 00 Praha 8, CZECH REP.
TEL: 266 312 557

DENMARK/ESTONIA/ LATVIA/LITHUANIA
Roland Scandinavia A/S
Skagerrakvej 7 Postbox 880
DK-2100 Copenhagen,
DENMARK
TEL: 39166222

FINLAND
Roland Scandinavia As, Filial Finland
Vanha Nurmijarventie 62
01670 Vantaa, FINLAND
TEL: (0) 9 68 24 020

GERMANY/AUSTRIA
Roland Elektronische Musikinstrumente HmbH.
Oststrasse 96, 22844 Norderstedt,
GERMANY
TEL: (040) 52 60090

GREECE/CYPRUS
STOLLAS S.A.
Music Sound Light
155, New National Road
Patras 26442, GREECE
TEL: 2610 435400

HUNGARY/ROMANIA
Roland East Europe Ltd.
2045. Törökbálint, FSD Park 3. ép.,
Budapest, HUNGARY
TEL: (23) 511 011

IRELAND
Roland Ireland
E2 Calmount Park, Calmount Avenue, Dublin 12,
Republic of IRELAND
TEL: (01) 4294444

ITALY
Roland Italy S. p. A.
Viale delle Industrie 8,
20020 Arese, Milano, ITALY
TEL: (02) 937-78300

MACEDONIA
MK MJUZIK
Alekso Demnievski-Bauman 9-3,
1400 Veles, MACEDONIA
TEL: 70 264 458

MONTENEGRO
MAX-AP
Przno, Kamenovo bb., 86000
Budva, MONTENEGRO
TEL: 68 050 112

NORWAY
Roland Scandinavia Avd. Kontor Norge
Lilleakerveien 2 Postboks 95
Lilleaker N-0216 Oslo,
NORWAY
TEL: 2273 0074

POLAND
ROLAND POLSKA SP. Z O.O.
ul. Kty Grodziskie 16B
03-289 Warszawa, POLAND
TEL: (022) 678 9512

PORTUGAL
Roland Systems Group EMEA, S.L. Branch Office Porto
Edifício Tower Plaza
Rotunda Eng. Edgar Cardoso 23, 4-B
4400-676 Vila Nova de Gaia,
PORTUGAL
TEL: (+351) 22 608 00 60

RUSSIA
Roland Music LLC
Dorozhnaya ul.3,korp.6
117 545 Moscow, RUSSIA
TEL: (495) 981-4967

SERBIA
Music AP
Sutjeska br. 5 XS - 24413 PALIC,
SERBIA
TEL: (0) 24 539 395

SLOVAKIA
DAN Acoustic s.r.o.
Povazská 18.
SK - 940 01 Nové Zámky,
SLOVAKIA
TEL: (035) 6424 330

SPAIN
Roland Systems Group EMEA, S.L.
Paseo García Faria, 33-35
08005 Barcelona, SPAIN
TEL: 93 493 91 00

SWEDEN
Roland Scandinavia A/S SWEDISH SALES OFFICE
Mårbackagatan 31, 4 tr.
SE-123 43 Farsta, SWEDEN
TEL: (0) 8 683 04 30

SWITZERLAND
Roland (Switzerland) AG
Landstrasse 5, Postfach,
CH-4452 Itingen, SWITZERLAND
TEL: (061) 975-9987

UKRAINE
EURHYTHMICS Ltd.
P.O.Box: 37-a.
Nedecey Str. 30
UA - 89600 Mukachevo, UKRAINE
TEL: (03131) 414-40

UNITED KINGDOM
Roland (U.K.) Ltd.
Atlantic Close, SWANSEA SA7 9FJ,
UNITED KINGDOM
TEL: (01792) 702701

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No.1231&1249 Rumaytha Building Road 3931,
Manama 339, BAHRAIN
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Jalal Street, Reza Alley No.4
Tehran 1389716791, IRAN
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8 Retzif Ha'alia Hashnia St.
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Al-Yousifi Service Center
P.O.Box 126 (Safat) 13002,
KUWAIT
TEL: 00 965 802929

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Achrafieh, P.O.Box: 16-5857
Beirut, LEBANON
TEL: (01) 20-1441

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TALENTZ CENTRE L.L.C.
Malatan House No.1
Al Noor Street, Ruwi
SULTANATE OF OMAN
TEL: 2478 3443

QATAR
AL-EMADI TRADING & CONTRACTING CO.
P.O. Box 62, Doha, QATAR
TEL: 4423-554

SAUDI ARABIA
Adawliah Universal Electronics APL
Behind Pizza Inn
Prince Turkey Street
Adawliah Building,
PO BOX 2154,
Al Khobar 31952,
SAUDI ARABIA
TEL: (03) 8643601

SYRIA
Technical Light & Sound Center
PO Box 13520 Bldg No.49
Khaled Abn Alwalid St.
Damascus, SYRIA
TEL: (011) 223-5384

TURKEY
ZUHAL DIS TICARET A.S.
Galip Dede Cad. No.33
Beyoglu, Istanbul, TURKEY
TEL: (0212) 249 85 10

U.A.E.
Adawliah Universal Electronics APL
Omar bin alkhattab street, fish round about, nayef area, deira,
Dubai, U.A.E.
TEL: (04) 2340442

NORTH AMERICA

CANADA
Roland Canada Ltd. (Head Office)
5480 Parkwood Way Richmond B. C., V6V 2M4, CANADA
TEL: (604) 270 6626

Roland Canada Ltd. (Toronto Office)
170 Admiral Boulevard
Mississauga On L5T 2N6,
CANADA
TEL: (905) 362 9707

U. S. A.
Roland Corporation U.S.
5100 S. Eastern Avenue
Los Angeles, CA 90040-2938,
U. S. A.
TEL: (323) 890 3700

As of July. 1, 2012 (ROLAND)

For EU Countries

UK This symbol indicates that in EU countries, this product must be collected separately from household waste, as defined in each region. Products bearing this symbol must not be discarded together with household waste.

DE Dieses Symbol bedeutet, dass dieses Produkt in EU-Ländern getrennt vom Hausmüll gesammelt werden muss gemäß den regionalen Bestimmungen. Mit diesem Symbol gekennzeichnete Produkte dürfen nicht zusammen mit den Hausmüll entsorgt werden.

FR Ce symbole indique que dans les pays de l'Union européenne, ce produit doit être collecté séparément des ordures ménagères selon les directives en vigueur dans chacun de ces pays. Les produits portant ce symbole ne doivent pas être mis au rebut avec les ordures ménagères.

IT Questo simbolo indica che nei paesi della Comunità europea questo prodotto deve essere smaltito separatamente dai normali rifiuti domestici, secondo la legislazione in vigore in ciascun paese. I prodotti che riportano questo simbolo non devono essere smaltiti insieme ai rifiuti domestici. Ai sensi dell'art. 13 del D.Lgs. 25 luglio 2005 n. 151.

ES Este símbolo indica que en los países de la Unión Europea este producto debe recogerse aparte de los residuos domésticos, tal como esté regulado en cada zona. Los productos con este símbolo no se deben depositar con los residuos domésticos.

PT Este símbolo indica que nos países da UE, a recolha deste produto deverá ser feita separadamente do lixo doméstico, de acordo com os regulamentos de cada região. Os produtos que apresentem este símbolo não deverão ser eliminados juntamente com o lixo doméstico.

NL Dit symbool geeft aan dat in landen van de EU dit product gescheiden van huishoudelijk afval moet worden aangeboden, zoals bepaald per gemeente of regio. Producten die van dit symbool zijn voorzien, mogen niet samen met huishoudelijk afval worden verwijderd.

DK Dette symbol angiver, at i EU-lande skal dette produkt opsamles adskilt fra husholdningsaffald, som defineret i hver enkelt region. Produkter med dette symbol må ikke smides ud sammen med husholdningsaffald.

NO Dette symbolet indikerer at produktet må behandles som spesialavfall i EU-land, iht. til retningslinjer for den enkelte regionen, og ikke kastes sammen med vanlig husholdningsavfall. Produkter som er merket med dette symbolet, må ikke kastes sammen med vanlig husholdningsavfall.

SE Symbolen anger att i EU-länder måste den här produkten kasseras separat från hushållsavfall, i enlighet med varje regions bestämmelser. Produkter med den här symbolen får inte kasseras tillsammans med hushållsavfall.

FI Tämä merkintä ilmaisee, että tuote on EU-maissa kerättävä erillään kotitalousjätteistä kunkin alueen voimassa olevien määräysten mukaisesti. Tällä merkinnällä varustettuja tuotteita ei saa hävittää kotitalousjätteiden mukana.

HU Ez a szimbólum azt jelenti, hogy az Európai Unióban ezt a terméket a háztartási hulladéktól elkülönítve, az adott régióban érvényes szabályozás szerint kell gyűjteni. Az ezzel a szimbólummal ellátott termékeket nem szabad a háztartási hulladék közé dobni.

PL Symbol oznacza, że zgodnie z regulacjami w odpowiednim regionie, w krajach UE produktu nie należy wyrzucać z odpadami domowymi. Produktów opatrzonych tym symbolem nie można utylizować razem z odpadami domowymi.

CZ Tento symbol udává, že v zemích EU musí být tento výrobek sbírán odděleně od domácího odpadu, jak je určeno pro každý region. Výrobky nesoucí tento symbol se nesmí vyhazovat spolu s domácím odpadem.

SK Tento symbol vyjadruje, že v krajinách EÚ sa musí zber tohto produktu vykonávať oddelene od domového odpadu, podľa nariadení platných v konkrétnej krajine. Produkty s týmto symbolom sa nesmú vyhadzovať spolu s domovým odpadom.

EE See sümbol näitab, et EL-i maades tuleb see toode olemprügist eraldi koguda, nii nagu on igas piirkonnas määratletud. Selle sümboliga märgitud tooteid ei tohi ära visata koos olmeprügiga.

LT Šis simbolis rodo, kad ES šalyse šis produktas turi būti surenkamas atskirai nuo buitinių atliekų, kaip nustatyta kiekviename regione. Šiuo simboliu paženklinti produktai neturi būti išmetami kartu su buitinėmis atliekomis.

LV Šis simbols norāda, ka ES valstīs šo produktu jāievāc atsevišķi no mājsaimniecības atkritumiem, kā noteikts katrā reģionā. Produktus ar šo simbolu nedrīkst izmest kopā ar mājsaimniecības atkritumiem.

SI Ta simbol označuje, da je treba proizvod v državah EU zbirati ločeno od gospodinjskih odpadkov, tako kot je določeno v vsaki regiji. Proizvoda s tem znakom ni dovoljeno odlagati skupaj z gospodinjskimi odpadki.

GR Το σύμβολο αυτό υποδηλώνει ότι στις χώρες της Ε.Ε. το συγκεκριμένο προϊόν πρέπει να συλλέγεται χωριστά από τα υπόλοιπα οικιακά απορρίμματα, σύμφωνα με όσα προβλέπονται σε κάθε περιοχή. Τα προϊόντα που φέρουν το συγκεκριμένο σύμβολο δεν πρέπει να απορρίπτονται μαζί με τα οικιακά απορρίμματα.

For China

有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。

本资料适用于 2007 年 3 月 1 日以后本公司所制造的产品。

环保使用期限

此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在自制造日起的规定期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。

环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。

不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳（壳体）	×	○	○	○	○	○
电子部件（印刷电路板等）	×	○	×	○	○	○
附件（电源线、交流适配器等）	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。
因根据现有的技术水平，还没有什么物质能够代替它。

For the U.K.

IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE: NEUTRAL
BROWN: LIVE

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

For EU Countries

CE This product complies with the requirements of EMC Directive 2004/108/EC.

For the USA

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

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

For Canada

NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

For C.A. US (Proposition 65)

WARNING

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

For the USA

DECLARATION OF CONFORMITY Compliance Information Statement

Model Name :	HPi-50
Type of Equipment :	Digital Piano
Responsible Party :	Roland Corporation U.S.
Address :	5100 S. Eastern Avenue, Los Angeles, CA 90040-2938
Telephone :	(323) 890-3700

Roland

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