

Roland

Roland Digital Piano

HP 550G

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Thank you, and congratulations on your choice of the Roland HP 550G. Before using this unit, carefully read the sections entitled: "IMPORTANT SAFETY INSTRUCTIONS" (p. 2), "USING THE UNIT SAFELY" (p. 3), and "IMPORTANT NOTES" (p. 5). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

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 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

WARNING - When using electric products, basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water — for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.
3. This product should be used only with a cart or stand that is recommended by the manufacturer.
4. This product, 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 consult an audiologist.
5. The product should be located so that its location or position does not interfere with its proper ventilation.
6. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
8. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
9. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
10. The product should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled onto the product; or
 - C. The product has been exposed to rain; or
 - D. The product does not appear to operate normally or exhibits a marked change in performance; or
 - E. The product has been dropped, or the enclosure damaged.
11. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

For the USA

This product may be equipped with a polarized line plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.

For Canada

For Polarized Line Plug

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION: POUR ÉVITER LES CHOCs ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

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.

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

- Before using this unit, make sure to read the instructions below, and the Owner's Manual.
- Do not open or perform any internal modifications on the unit.
- Avoid damaging the power cord. Do not bend it excessively, step on it, place heavy objects on it, etc. A damaged cord can easily become a shock or fire hazard. Never use a power cord after it has been damaged.
- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.
- Protect the unit from strong impact. (Do not drop it!)
- 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.
- Before using the unit in a foreign country, consult with your dealer, or qualified Roland service personnel.

⚠ CAUTION

- Always grasp only the plug on the power-supply cord when plugging into, or unplugging from, an outlet or this unit.
- 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.
- Never climb on top of, nor place heavy objects on the unit.
- Never handle the power cord or its plugs with wet hands when plugging into, or unplugging from, an outlet or 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 knob bolts securing the unit to the stand have not become loose. Fasten them again securely whenever you notice any loosening.
- Disconnect the power cord.
- Raise the adjusters on the stand.
- Close the lid.
- Fold down the music stand.
- Before cleaning the unit, turn off the power and unplug the power cord from the outlet (p. 6).
- Whenever you suspect the possibility of lightning in your area, pull the plug on the power cord out of the outlet.
- Be careful when opening/closing the lid so you do not get your fingers pinched (p. 6). Adult supervision is recommended whenever small children use the unit.

FEATURES

The HP 550G features high-quality concert grand piano sounds, and a hammer action keyboard.

Now you can enjoy truly realistic piano sounds.

100 Different Tones

The HP 550G contains 100 different Tones (including many piano sounds), so the instrument can easily accommodate almost any musical genre.

Features the "Piano Partner, " A 5-Track Sequencer

The Piano Partner comes in handy for practicing the piano. You can record and play back what you play on the piano just like a tape recorder. Using this function, you can also enjoy "Minus-one" performances, along with an ensemble.

Built-In Disk Drive

Allows you to store your performances onto floppy disk, or listen to most commercially available music data.

Equipped with a Microphone Input Jack with Echo Effect.

The Key Shift function allows you to enjoy Karaoke.

About the HP 550G Sound Generator



General MIDI System

The General MIDI System is a set of recommendations which seeks to provide a way for going beyond the limitations of proprietary designs, and standardize the MIDI capabilities provided by sound generating devices.

If you use a sound generating unit which carries the General MIDI logo, you will be able to faithfully reproduce any song data which also carries the General MIDI logo.



GS Format

The GS Format is Roland's universal set of specifications which were formulated in the interest of standardizing the way in which sound generating devices will operate when MIDI is used for the performance of music. If you use a sound generating unit which carries the GS logo, you will be able to faithfully reproduce any commercially available song data which also carries the GS logo.

This product supports both General MIDI and GS. Song data which carries either of these logos can be accurately reproduced.

About music data that can be used with the HP 550G

Roland Digital Piano Compatible music data


Roland's original music data is made specifically for practicing the piano. Some follow an instructional curriculum, allowing for a complete range of lessons, such as "practicing each hand separately" or "listening to only the accompaniment."

SMF

SMF Music Data (720 KB/1.44 MB Format)

SMFs (Standard MIDI Files) use a standard format for music data that was formulated so that files containing music data could be widely compatible, regardless of the manufacturer of the listening device. An enormous variety of music is available, whether it be for listening, for practicing musical instruments, for Karaoke, etc.

If you wish to purchase music data, please consult the retailer where you purchased your HP 550G.

- * GS () is a registered trademark of Roland Corporation.
- * Apple is a registered trademark of Apple Computer, Inc., U.S.A.
- * Macintosh is a trademark of Apple Computer, Inc., U.S.A.
- * IBM PC is a registered trademark of International Business Machines Corporation, U.S.A.

IMPORTANT NOTES

In addition to the items listed under "IMPORTANT SAFETY INSTRUCTIONS" and "USING THE UNIT SAFELY" on pages 2 and 3, please read and observe the following:

Power Supply

- Do not use this unit on the same power circuit with any device that will generate line noise (such as an electric motor or variable lighting system).
- Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damage to speakers or other devices.

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.
- Observe the following when using the unit's floppy disk drive. For further details, refer to "Before Using Floppy Disks" (p. 38).
 - Do not place the unit near devices that produce a strong magnetic field (e.g., loudspeakers).
 - Install the unit on a solid, level surface.
 - Do not move the unit or subject it to vibration while the drive is operating.
- 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. Excessive heat can deform or discolor the unit.

Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Additional Precautions

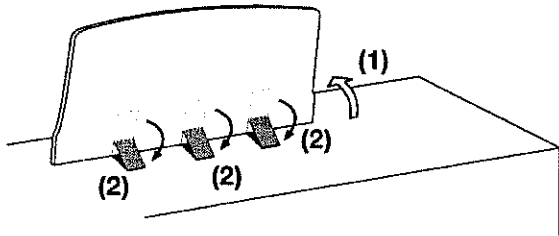
- Unfortunately, it may be impossible to restore the contents of data that was stored on a floppy disk once it has been lost. Roland Corporation assumes no liability concerning such loss of data.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- Never strike or apply strong pressure to the display.
- When connecting / 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.
- A small amount of heat will radiate from the unit during normal operation.
- To avoid disturbing your neighbors, 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 (especially when it is late at night).
- 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 pull the music stand too far forward when setting/releasing its latches.

BEFORE YOU BEGIN

Using the Music Rest

Gently lift the music rest and fix it in place as shown below.

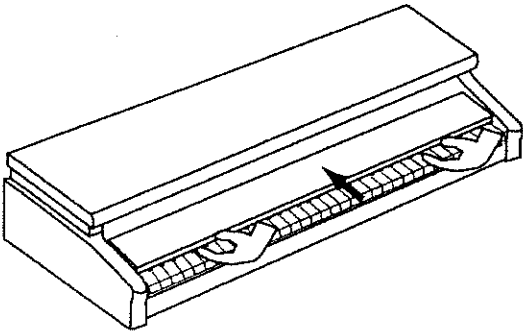
To lower it, hold the music rest with your hand, fold the metal latches with another hand, then slowly lower it.



How to Open and Close the Piano Lid

To open the lid, hold the lid with both hands and lift it slightly, then slide it in.

To close it, pull it slowly forward, then gently lower it.



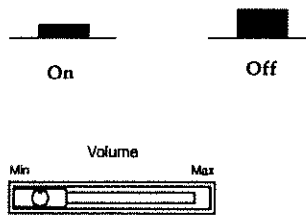
* Be careful that your fingers do not get caught under the lid when opening or closing it. Adult supervision is recommended in households with small children.

* If you need to move the piano, make sure the lid is closed first to prevent accidents.

Powering Up

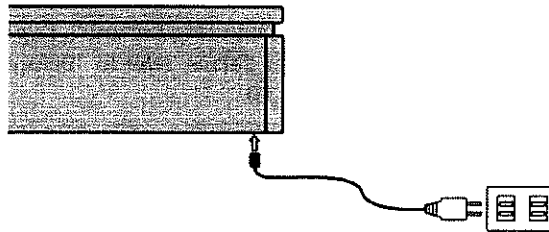
Be sure to switch on the piano in the following manner. If not, the piano may not function properly or the speakers could be damaged.

1. Make sure that the Power button on the left of the keyboard is turned off and the Volume Slider is set to the Min position.



2. Connect the power cord to the piano, and plug the other end into a power outlet.

* For a detailed explanation, see the leaflet: "STAND ASSEMBLY (KS-500)."



3. Press the Power button, located at the far left of the keyboard.

If the display responds with the following, see page 56.



* The piano requires several seconds after being switched on before it is ready for operation. This is a circuitry protection feature.

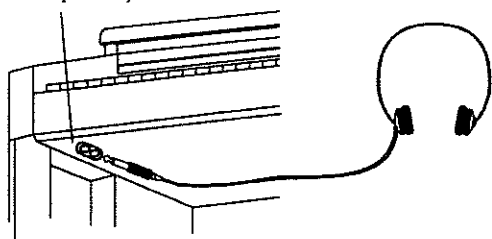
* Be sure to use the supplied power cord.

Using Headphones

The HP 550G provides two headphones jacks, thus allowing two persons to use headphones at the same time. This is useful when giving piano lessons, or when playing a piece for four hands.

The Headphones jacks are located beneath the keyboard, at the far left. Connecting headphones will automatically mute the sound from the internal speakers. As a result, you can play the piano without worrying about the neighbors.

Headphone jack x 2



To adjust the volume of the headphones, use the Volume slider on the piano.

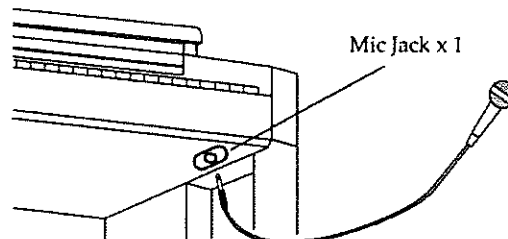
Please use stereo headphones, such as Roland RH-30/80/120 stereo headphones.

Using a Microphone

The HP 550G provides for the use of a microphone. Using this, you can sing as you play the piano, enjoy Karaoke with the music data, etc. For further details about Music Data, see pages 4 and 39.

The Mic jack is located beneath the keyboard, at the far right. Connect a microphone to it, then you can hear the sound from it through the internal speakers. With headphones connected to the Headphones jack, the sound will be heard only through the headphones, and no sound is heard from the speakers.

Mic Jack x 1



To adjust the volume of the microphone, use the Microphone Volume knob.

To adjust the depth of the Echo effect, use the Microphone Echo knob.

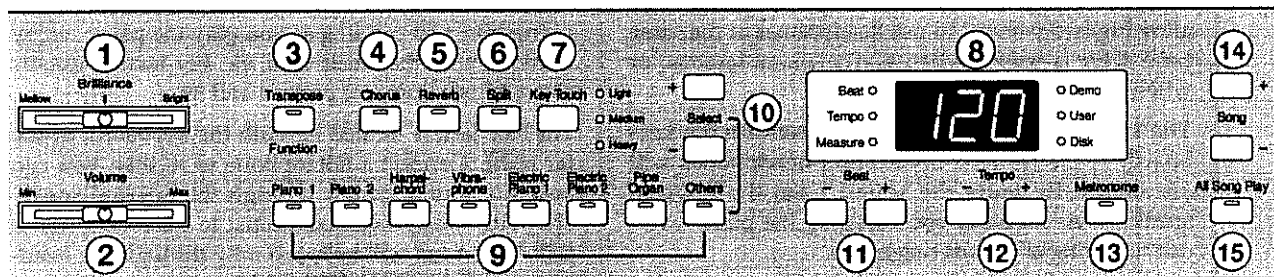
- * Be sure that the volume is not too loud for the neighbors.
- * You can use a microphone such as an optionally available Roland DR-15/25 microphone. When you purchase a new microphone for the HP 550G, please consult the retailer where you have purchased the HP 550G.

Notes on Using a Microphone

- Before you connect the microphone to the piano, be sure to lower the volume. If the volume is too high, noise may be heard from the speakers.
- Howling (feedback) could be produced depending on the location of microphones relative to speakers. This can be remedied by:
 1. Changing the orientation of the microphone(s).
 2. Relocating microphone(s) at a greater distance from speakers.
 3. Lowering volume levels.

PANEL DESCRIPTIONS

Front Panel



1. Brilliance Slider

Adjusts the brightness of the sound. (p. 13)

2. Volume Slider

Adjusts the volume of the sound. (p. 13)

3. Transpose Button

Allows you to transpose keys and play in the set key. (p. 18)

4. Chorus Button

Turns on the Chorus effect. (p. 16)

5. Reverb Button

Turns on the Reverb effect. (p. 16)

6. Split Button

You can play different sounds from the right and left sections of the keyboard. (p. 20)

7. Key Touch Button

Provides selection of three levels for the keyboard touch. (p. 22)

8. Display

The current settings such as Song number and Measure number are displayed here. (p. 14)

9. Tone Buttons

You can select any Tone you like. (p. 14)

10. Select [+/-] (Tone Selection) Buttons

Use these buttons to select a desired Tone from each Tone Group. (p. 14)

11. Beat [+/-] Buttons

Allow you to adjust the timing of the metronome. (p. 17)

12. Tempo [+/-] Buttons

These buttons adjust the tempo of the performance data and metronome. (p. 17, 31)

13. Metronome Button

This turns on the metronome. (p. 17)

14. Song [+/-] Buttons

Allow you to select a demo song. (p. 28)

15. All Song Play Button

This allows you to play the demo songs or the songs stored in the disk sequentially. (p. 13)

16. Playback Balance (Volume Balance) Knob

You can change the volume balance of the stored performance data and your performance. (p. 37)

17. Track Buttons

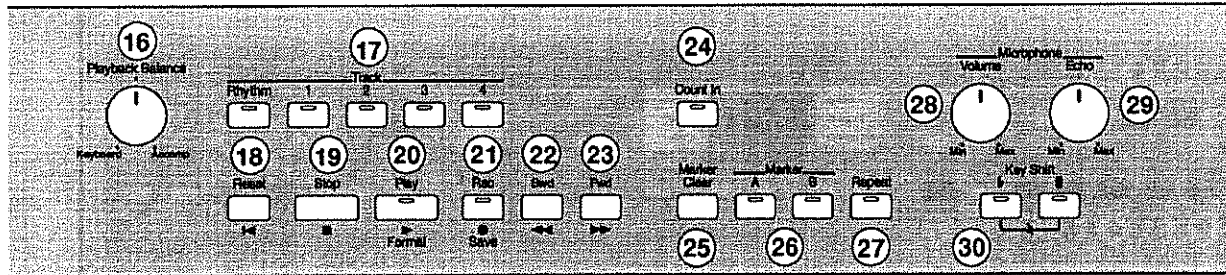
Use these buttons to select the track where you wish to record performance data or the track you wish to play back. (p. 23, 32)

18. Reset Button

Use this button to return to the top of a song. (p. 28)

19. Stop Button

Use this button to stop playing. (p. 24, 28)



20. Play Button

Use this button to start playing. (p. 28)

21. Rec (Recording) Button

Press to record what you play on the piano. (p. 23, 35)

22. Bwd (Backward) Button

Use this button to rewind the song. (p. 28)

23. Fwd (Forward) Button

Use this button to forward the song. (p. 28)

24. Count In Button

Use this button to place a count-in before a song starts to play. (p. 33)

25. Marker Clear Button

Use this button to delete Markers A/B. (p. 29)

26. Marker A/B Buttons

Using these buttons, you can mark any measure you like. (p. 29)

27. Repeat Button

Use this button to repeat playing. (p. 28)

28. Microphone Volume Knob

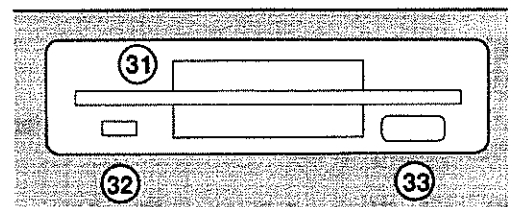
Adjusts the volume produced by the microphone. (p. 7)

29. Microphone Echo Knob

Adjusts the amount of echo to apply to the microphone's signal. (p. 40)

30. Key Shift Buttons

You can transpose performance data. (p. 39)



31. Disk Drive

Allows you to listen to, and save performance data on a floppy disk (p. 39)

32. Indicator

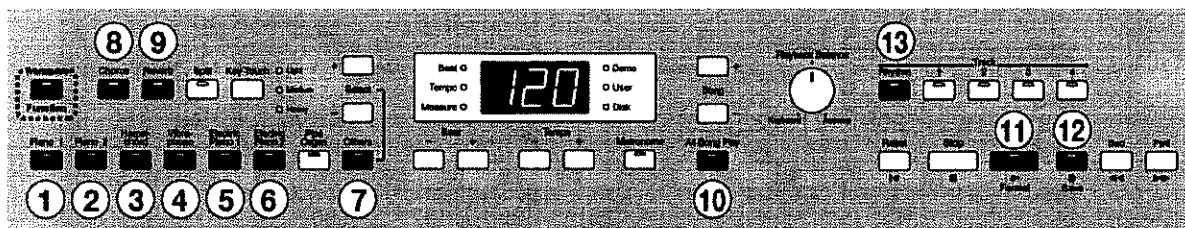
This lights while the disk drive is working. (p. 38)

33. Eject Button

Press this button to remove the floppy disk. (p. 38)

Alternate Button Functions

Each button also offers another function if you hold down the Function button while you press it.



1. Piano 1 Button (Master Tuning)

Allows you to adjust the tuning. (p. 44)

2. Piano 2 Button (Classical Tuning)

Allows you to set the tuning method. (p. 46)

3. Harpsichord Button (Stretch Tuning)

Allows you to set the tuning curve. (p. 45)

4. Vibraphone Button (Pedal Mode)

Allows you to select Pedal modes. (p. 48)

5. Electric Piano 1 Button (Dual Balance)

Allows you to adjust the volume balance for Dual playing. (p. 49)

6. Electric Piano 2 Button (Tx ch)

Allows you to set the MIDI transmit channel. (p. 52)

7. Others Button (Local Switch)

Allows you to select Local On or Off. (p. 52)

8. Chorus Button (Transmit Mode)

Allows you to select the MIDI transmit mode. (p. 53)

9. Reverb Button (PC)

Allows you to set the program number to be sent. (p. 53)

10. All Song Play Button (Part Mute)

Allows you to mute one Part and play the rest. (p. 50)

11. Format Button

Allows you to format the floppy disk. (p. 41)

12. Save Button

Allows you to save your performance data onto floppy disks. (p. 42)

13. Rhythm Button (SMF Save)

Allows you to save your performance data as SMFs. (p. 43)

About the [+/-] Buttons

Whenever you are instructed to use the "[+/-] buttons" in this operation manual, it means you can use any of the following sets of buttons to obtain the same result:

Select [+/-] Button

Beat [+/-] Button

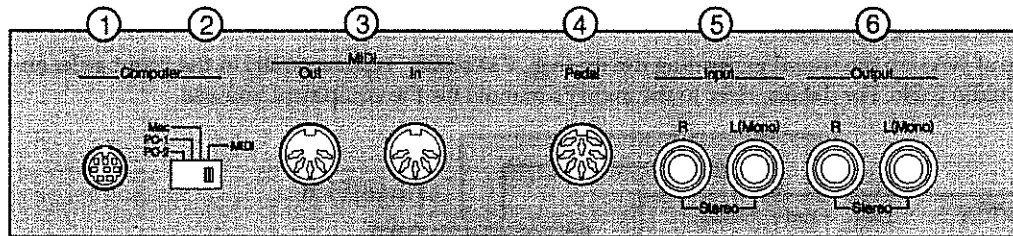
Tempo [+/-] Button

Song [+/-] Button

Remember, however, that Tones can be selected only with the Select [+/-] buttons, the beat can be set only with the Beat [+/-] buttons, the Tempo can be set only with the Tempo [+/-] buttons, and Demo Songs can be selected only with the Song [+/-] buttons.

Rear Panel

The jacks/connectors on the rear of the unit function as follows:



1. Computer Connector

Connect to a computer through this jack, and you can exchange performance information between the computer and the piano. (p. 54)

2. Computer Switch

Switch for selecting the correct configuration when connecting with the MIDI or Computer connectors. (p. 51)

3. MIDI Connectors

Connect a MIDI device to these jacks, and you then can exchange performance information between the external MIDI device and the piano. (p. 51)

4. Pedal Jack

Accepts connection of the cable coming from the Pedal jack on the piano's stand.

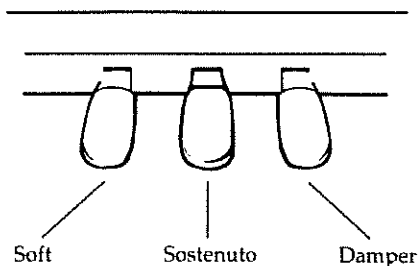
5. Input Jacks

Connect a sound generating device to these jacks, and you can hear the sound from that unit through the HP's speakers. (p. 12)

6. Output Jacks

Allow you to output the piano's sound to sound reinforcement equipment to obtain a more powerful sound. Also, by connecting a recording device such as a radio-cassette player, you can record your performances onto cassette tape. (p. 12)

Pedal Functions



Soft Pedal

Use this pedal to soften the sound.

If you play the keyboard while pressing the Soft pedal, the obtained sound will be softer than normal. The softness can be altered subtly by changing the depth the pedal is depressed.

Sostenuto Pedal

Pressing this pedal will sustain only the notes that were already playing when the pedal was depressed.

Damper Pedal

Use this pedal to sustain the sound.

While pressing the Damper pedal, the sound will be sustained even after you release the key. By changing the depth the pedal is depressed, the length of the sustain can be subtly altered.

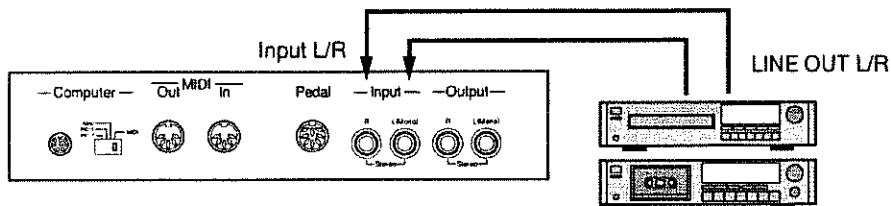
* The amount of the resonance obtained with the Damper pedal can be changed. See page 50.

* The Soft pedal and Sostenuto pedal can also be assigned different functions. See page 48.

Connecting to External Devices

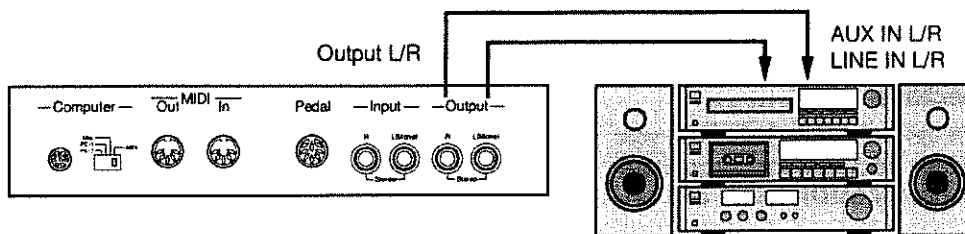
To connect a sound generating device and hear its sound through the piano's internal speakers

Connect the output jacks on the sound generating device (e.g., CD player, tape recorder) to the input jacks on the piano using audio cable. For details, refer to the owner's manual for the equipment you use.



To connect an audio device to the piano and record your performance onto a tape recorder

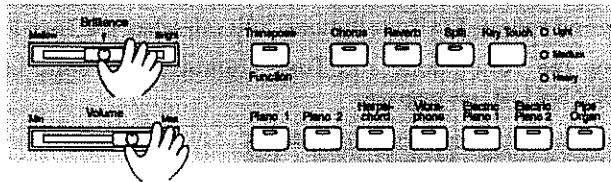
Connect the input jacks on the audio set, amplifier or mixer to the output jacks on the piano using audio cable.



- * To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.
 - * Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.
1. Switch on the piano and the device connected to the piano.
 2. Adjust the volume of the piano and the device connected to the piano.

PLAYING THE HP 550G

Adjusting the Volume and Brightness of the Sound

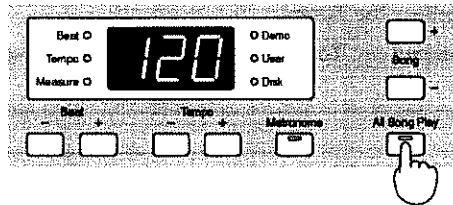


1. Adjust the overall volume using the Volume slider.
At the "Max" position, you obtain the highest volume, and at "Min," it is at the lowest volume.
2. Adjust the overall tone with the Brightness slider.
At the "Bright" position, a bright tone is obtained, while a mellower tone is obtained at "Mellow."

Listening to the Demonstration Songs — All Song Play

The HP 550G contains demonstration songs. You can play all these demo songs and other music data songs continuously.

"All Song Play" means playing all the songs continuously.



1. Press the All Song Play button and make sure that the indicator is lit.
The Piano will play the currently selected song, then the songs that follow.
When a floppy disk is inserted, only the songs on the floppy disk will be continuously played.
When any performance data exists in Song Number "0," only the data for "0" will be played repeatedly. If no data is stored there, nothing will be played, so select a different song number.
2. To stop playing, press the All Song Play button. (The indicator goes out.)
 - * If you wish to listen to a specific song, see page 28.
 - * For songs with a pickup (that have notes before the first measure), the display shows "PU" before the song starts.



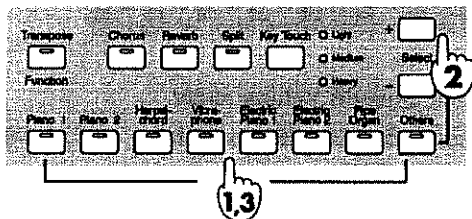
* When the display shows an error message, such as "E.00," refer to page 56.

If you wish to know the Song Number, Song Name or Composer, see "Demo Song List" on page 62.

Playing with Various Sounds

The HP 550G contains 100 different Tones. They are divided into 8 groups according to their type and assigned to Tone buttons. You can select the Tone ideal for each song.

Regarding the Tone Name and Tone Number, see "Tone List" on page 64 and "Drum/SFX Set List" on page 66.



1. Press any Tone button you like and make sure that the indicator is lit.
 This will select the Tone Group. Now, you can hear the Tone currently selected by playing the keyboard.
 You may try a different Tone in the same Group.
 2. Press the Select [+/-] buttons to call a Tone Number you like.
 The Tone button indicator flashes and the display shows the Tone Number.
 3. Press the Tone button.
 The flashing indicator now lights constantly to show that the Tone is selected.
 Play the keyboard to monitor the Tone.
- * When the piano is switched on, Tone "1" will be automatically selected.

About the Indicators

The indicators at both sides of the display will be lit as follows:



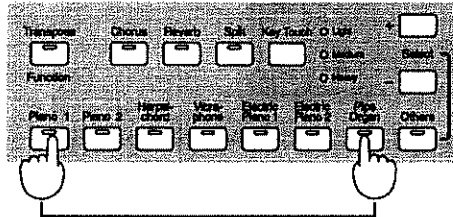
- Beat.....Lights when the display shows the beat.
- Tempo.....Lights when the display shows the tempo.
- Measure.....Lights when the display shows the bar number.
- Demo.....Lights when the display shows the number of the demo song.
- User.....Lights when the display shows Song Number 0.
- Disk.....Lights when a floppy disk with performance data is inserted in the disk drive on the piano.
- All the indicators are litWhen the display shows an error message.

* In some cases, such as when you are setting extended functions, the indicators may light in ways not described above.

Mixing two Tones — Dual Play

The HP 550G allows you to play two Tones at the same time by pressing only one key. This is called Dual Play.

Example: To mix Concert Grand Piano and Pipe Organ 1



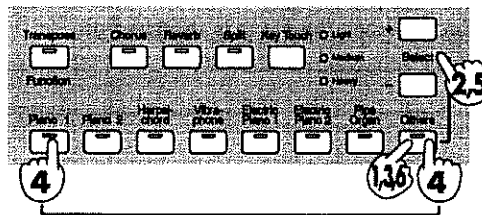
Press the Pipe Organ button while holding the Piano 1 button down.

The Piano 1 button and Pipe Organ button are lit and Concert Grand Piano and Pipe Organ 1 sounds are simultaneously played.

If you press one Tone button in the Dual Play mode, only that Tone will be played.

Example: To change the Tone to be mixed with Concert Grand Piano.....

In the Dual Play mode, you can change the Tone for the right using the Select [+/-] buttons.

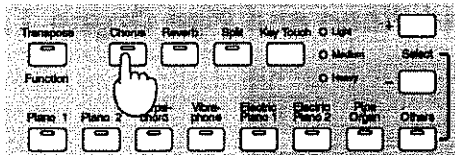


1. Press the Others button and make sure that the indicator is lit.
2. Press the Select [+/-] button to cause the display to show "2."
The Others button flashes.
3. Press the Others button.
4. Press the Others button while holding the Piano 1 button down.
The Piano 1 and Others buttons will be lit and Concert Grand Piano and Slow Strings will be played at the same time.
5. Press the Select [+/-] button to cause the display to show "3."
The Others button flashes.
6. Press the Others button.
The Piano 1 and Others buttons will be lit and Concert Grand Piano and Syn. Strings will be simultaneously played.

You can change the volume balance of the two Tones for Dual Play. See page 49.

Adding Chorus

The Chorus effect creates an effect that sounds like several instruments are being played at the same time. As a result, the sound will be fatter and have more presence. Seven levels of depth for the Chorus effect are available for selection.

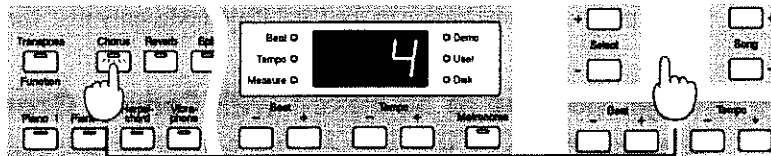


Press the Chorus button and confirm that its indicator is lit.

* The Chorus effect can be applied to each Tone button separately.

Changing the Depth of the Chorus.....

Select the depth you like with the [+/-] buttons while holding the Chorus button down.

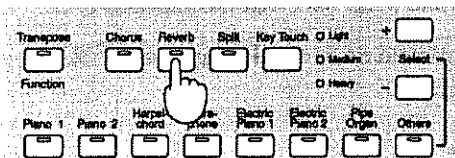


1-7 can be selected for the Chorus Depth.

* 4 is automatically selected when the piano is switched on.

Adding Reverb

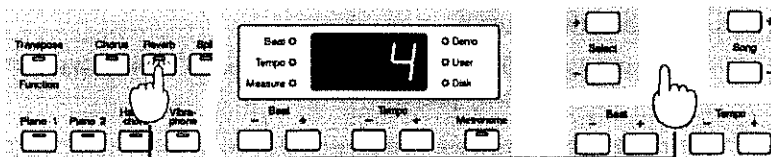
By using the Reverb Effect, you can obtain pleasant reverberations like those in a concert hall. Seven levels of depth for the Reverb effect are available for selection.



Press the Reverb button and confirm that its indicator is lit.

Changing the Depth of the Reverb.....

Select the depth you like with the [+/-] buttons while holding the Reverb button down.

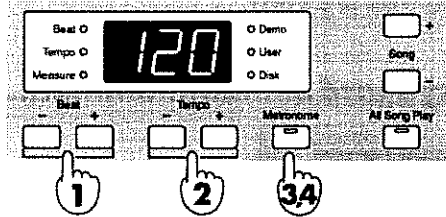


1-7 can be selected for the Reverb Depth.

* 4 is automatically selected when the piano is switched on.

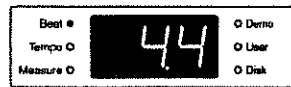
Playing to the Metronome

The HP 550G includes a metronome to which you can play the keyboard. The metronome can be set to the desired beat and tempo. The volume of the metronome can be set to any of 7 levels.



1. Select a desired beat by pressing the Beat [+/-] buttons.

* Pressing two Beat [+/-] buttons simultaneously will set 4/4 beat.



The Beat indicator lit.

The figures shown in the display represent the beats as follows:

Display	Beat	Display	Beat
0.4	Only upbeat sounds	7.4	7/4 beat
2.4	2/4 beat	3.8	3/8 beat
3.4	3/4 beat	6.8	6/8 beat
4.4	4/4 beat	9.8	9/8 beat
5.4	5/4 beat	12.8	12/8 beat
6.4	6/4 beat		

2. Press the Tempo [+/-] buttons to select the desired tempo.

Tempo can be set from $\text{♩} = 20\text{--}250$. Check the tempo in the display.



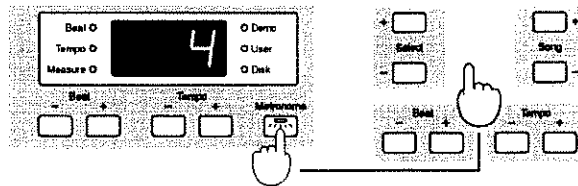
The Tempo indicator lit.

3. Press the Metronome button (the indicator is lit), and the Metronome will play.

4. To stop the metronome, press the Metronome button again and confirm the indicator has gone out.

To change the volume of the metronome

While holding the Metronome button down, set the volume with the [+/-] buttons.



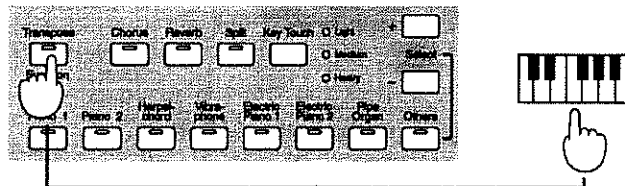
The volume of the metronome can be set to any of seven levels, 1-7.

* 4 is automatically selected when the piano is switched on.

Changing to an Easy Key — Key Transpose Function

Using the Key Transpose function, you can transpose the entire keyboard without changing the position of the keys to play. Even a difficult song with many sharps and flats can be changed to a key that is easier for you to play; or you can transpose up or down to accommodate the voice of a singer.

Key Transposition Using the Keyboard.....



While holding the Transpose button down, press the key that corresponds to the main note of the pitch you wish to transpose to.

The indicator of the Transpose button is lit and you can play in the transposed key.

The Key you have set will be retained until the piano is switched off.

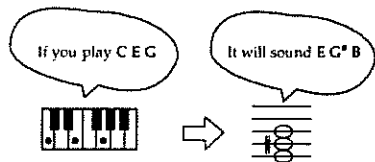
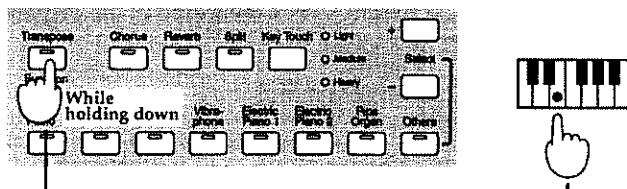
When the indicator is lit the Key Transposition is on.

When it is dark, it is in the normal condition, without Key Transposition.

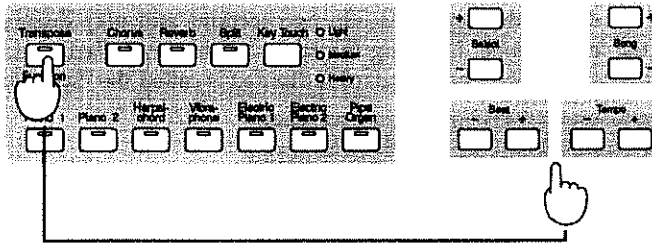
When the amount for Key Transpose is "0," the indicator of the Transpose button is not lit.

Example: To play an E major music in the key of C major.

Press the E key while holding the Transpose button down, so that E will sound by playing C.



Key Transposition with the [+/-] button



Set the amount of the key shift with the [+/-] buttons while holding the Transpose button down.

Each time you press the [+/-] buttons, the key is shifted by one semitone.

Pressing both [+/-] buttons simultaneously will set it to C major (C).



-6-0-5 can be set for the Key Transposition.

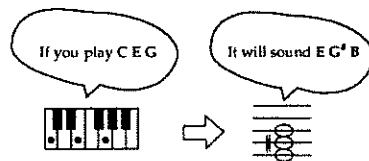
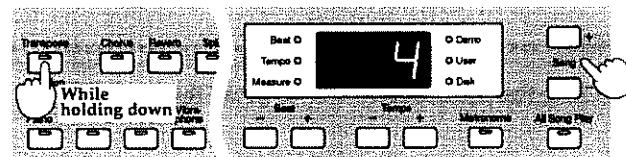
The key you have set will be retained until the piano is switched off.

When the indicator is lit, Key Transposition is on. When it is dark, it is in the normal condition, without any Key Transposition.

When the amount of Key Transpose is "0," the indicator of the Transpose button is not lit.

Example: To play an E major piece in the key of C major.

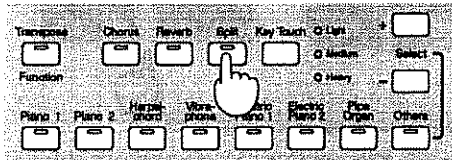
If you consider C major as the basic key, there are 4 keys up to "E" that corresponds to the E. So, select 4 in the display.



- * 0 is automatically selected when the piano is switched on.
- * The Key Transpose function applies to only the Tone you are currently playing. If you wish to transpose a demo song or song on a disk, see page 40.

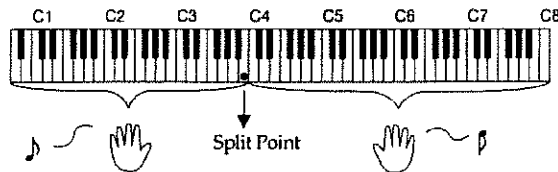
Using different Tones for Right and Left Hands — Split Function

You can divide the keyboard into two sections and play different Tones in the right and the left sections. Dividing the keyboard into two Parts (sections) is called "Split" and the point where the keyboard is divided is called the "Split Point."



1. Press the Split button and make sure that the indicator is lit.

The keyboard is now split. Listen to the sound to make sure that two sections sound differently.



The Left Part is played in Acoustic Bass.

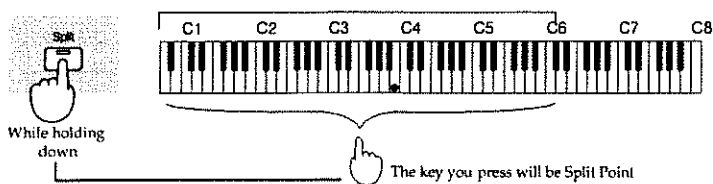
The Right Part is played in the Tone previously selected, before the Split button was pressed.

2. To return to the normal mode, press the Split button again and make sure that the indicator goes out.

* When you use the Split function in the Dual Play mode, the Tone of the left Tone button will sound in the Right Part.

To change the Split Point

While holding the Split button down, press the key that you wish to be the Split Point.



The Split Point can be set to A1-C6.

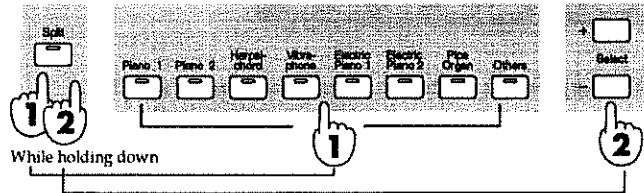
* When the piano is switched on, the Split Point will be automatically set to "B3."

To add Chorus to the Left Part

Press the Chorus button while holding the Split button down.

Each time you press the Chorus button, the Chorus effect will be turned on or off. This procedure can add chorus only to the Left Part.

To change the Tone in the Left Part



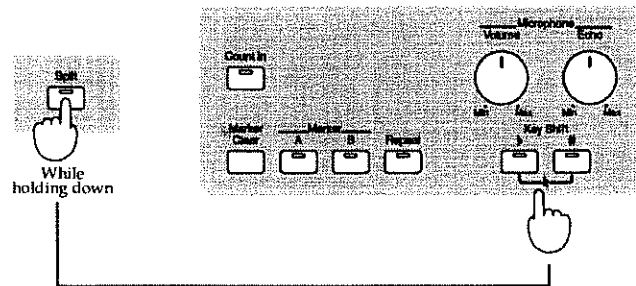
1. While holding the Split button down, press the Tone button that corresponds to the Group that includes the Tone you wish to play.
2. Select the Tone you want with the Select [+/-] buttons while holding the Split button down.

The Tone in the Left Part is changed. Monitor the sound as you actually play the keyboard.

- * When the piano is switched on, the Left Part will automatically select "Acoustic Bass."
- * The Drum set and SFX set can only be used for either the right- or left-hand Part at the same time. That is, this type of sound cannot be simultaneously selected for both Parts.

To change the Pitch of the Left Part.....

The pitch of the Left Part can be raised or lowered in one octave steps.



While holding the Split button down, set the pitch using the Key Shift buttons.

Pressing # once raises the pitch one octave, while pressing b lowers it one octave. Pressing both the # and b buttons will return you to the previous pitch.

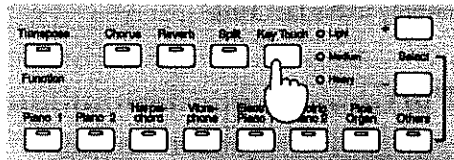
The pitch can be set to 0-2.



- * When the piano is switched on, the pitch will be automatically set to "0."

Changing the Keyboard Touch

The HP piano allows you to change the sensitivity of the keyboard touch. This is a feature unique to digital pianos, one which you cannot obtain with an acoustic piano.



Press the **Key Touch** button to select a key touch you like.

Pressing the button allows you to select from the three different Key Touches in order, as follows:

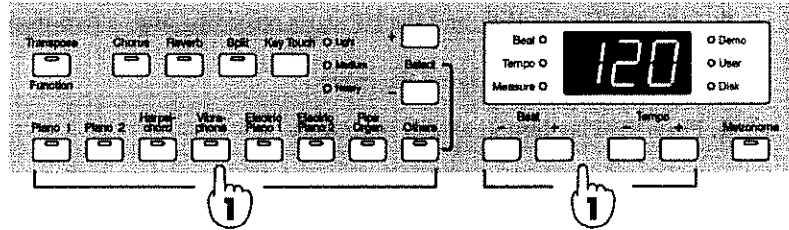
-
- Light:** Fortissimo (ff) can be obtained with a weaker touch than usual, so, you will feel that the keyboard is lighter. This allows even a small child to play the piano easily.
-
- Medium:** This is the most natural touch for the keyboard, and is closest to that of an acoustic piano. This is automatically selected when the piano is switched on.
-
- Heavy:** Fortissimo can be obtained only with forceful playing, so you will feel that the keyboard is heavier. When this is selected, you can express feelings even more strongly by playing the piano dynamically. This can be selected by a player with strong finger touch, or one who wishes to strengthen their fingers.
-

Recording your Performance

A tape recorder records two channels separately; the sound played by the right speaker and that by the left speaker. The place where each sound is recorded is called a track.

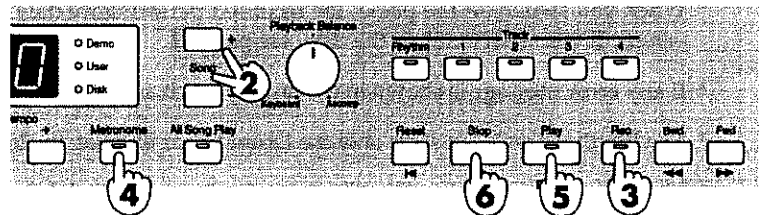
By using the HP 550G's Piano Partner function, you can record your performance. By recording various different sounds using the 5 tracks, you can create an ensemble song.

Regarding the Tone Name and Tone Number, see "Tone List" on page 64 and "Drum/SFX Set List" on page 66.



1. Select the Tone you wish to record, then set the Chorus, Reverb, Tempo and Beat to your taste.

* You cannot change the Tone, Tempo or Beat while recording.



2. Press the two Song [+/-] buttons at the same time to select Song Number 0.

The performance data will be recorded in Song Number 0.

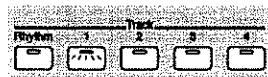


The User Indicator will be lit.

3. Press the Rec button.

Now, the piano is set to Recording Standby mode which is ready for recording. If you press the Stop button, it will stop recording.

The Track of the smallest number of the 1-4 Tracks where no data is stored will flash showing that the performance data is recorded there. If you wish to record into a different Track, press the corresponding Track and make sure the indicator is lit.



Should the indicator for no track flash, it means all the tracks already have performance data stored in them. Press any Track button and get the indicator to flash.

When recording in the Dual Play or Split mode, the Drum Set and SFX Set sounds will be recorded into the Rhythm Track, while the other sounds will be recorded into an empty Track.

When the piano starts recording, it begins storing the newly recorded data from the place where recording was begun, replacing any data that was there before. All such previously recorded data cannot be restored once it has been written over in this manner.

When the indicator for a Track lights steadily, the performance data recorded there will be played back when you begin recording. If you do not want to hear this playback, get the track indicator to go out before pressing the Rec button.

4. If you wish to record to the metronome, press the Metronome button.
5. Press the Play button, and the HP starts recording after a two-measure count-in.

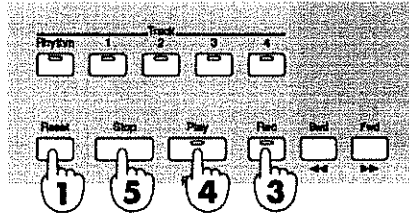
Now you can start playing the piano.

6. Press the Play button to stop recording.

- * In the Recording Standby or when the indicator on the display flashes after recording a long song, the piano will not respond at all whatever you may do. Wait until it stops flashing.
- * Once you have recorded data, you cannot select any other Song Number except for "0." If you wish to select a different Song Number, see page 27.
- * When you switch off the piano, the recorded performance data will be automatically erased. If you wish to retain the data, see page 42.
- * If any error message is shown in the display, such as "E.00," see page 56.
- * The Rhythm Track can store only the Drum Set or SFX Set. (p. 26)
- * You can start or stop recording by using the Sostenuto Pedal. See page 48.

Multitrack Recording

On the previous page, we recorded performance data into Track 1. Let's continue to record different Tones into different Tracks to create an ensemble song.



1. Return to the top of the song by pressing the Reset button.



The Measure Indicator will be lit.

2. Select the Tone you wish to record, then add the Chorus, Reverb, Tempo to your taste.
 - * You cannot change the Tone, Tempo or Beat once you have started to record.
3. Press the Rec button.

Now, the piano is in the Recording Standby mode.

The Track of the smallest number of the 2-4 Tracks where no data is stored will flash showing that the performance data will be recorded there. If you wish to record into a different Track, press the corresponding Track and make sure the indicator is lit.



The previous performance data is recorded in Track 1.

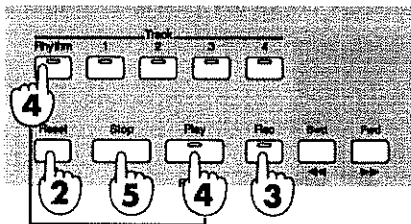
4. Press the Play button and the piano starts recording data after 2 measure's count-in.

Now, you can play the piano.
5. Press the Stop button to stop recording.

Repeat 1-5 procedures to record various different Tones in the other Tracks.

To record data into the Rhythm Track

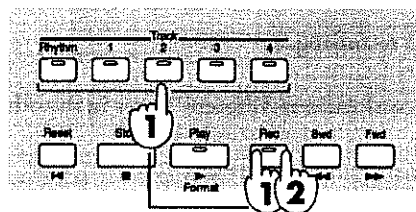
Drum Set or SFX Set Tones can be recorded into the Rhythm Track many times.



- 1.** Select a Drum Set or SFX Set Tone.
- 2.** Return to the top of the song using the Reset button.
You can move to the measure you wish to record using the Bwd or Fwd buttons. See page 28.
- 3.** Press the Rec button.
Now, it is the Recording Standby mode. The indicator of the Rhythm Track flashes.
If performance data has already been recorded, press the Rhythm Track button and get the indicator to start flashing.
- 4.** While holding the Rhythm Track down, press the Play button.
After 2 measure's count-in, the piano starts recording.
* If you press the Play button without pressing the Rhythm Track button, the previous performance data will be erased and the new data is recorded.
- 5.** Press the Stop button to stop recording.
By repeating 1-5 procedures, you can overdub various percussion sounds in the Rhythm Track.

To delete the Performance Data recorded in a Track

You can delete the performance data in a certain Track.

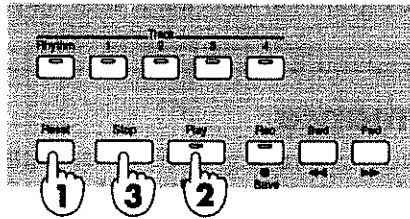


- 1.** While holding down the Track button you wish to delete, press the Rec button.
The display shows the message "Ers", asking you if you are sure you wish to erase it.



- To cancel deleting, press the Stop button.
- 2.** Press the Rec button again, and the recorded performance data will be erased.
Once the performance data is erased, it cannot be restored.

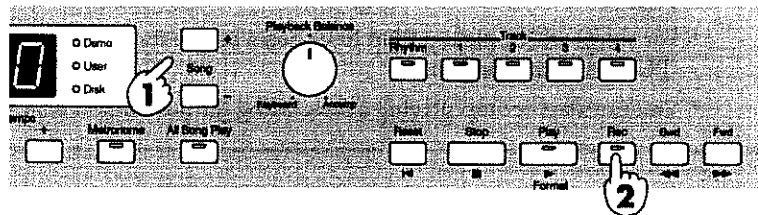
Listening to the Recorded Performance Data



1. Return to the top of the song by pressing the Reset button.
2. Press the Play button, and the recorded performance data will be played back.
The performance data stored in the track that is not lit will not be played back. To play it, press the relevant Track button and cause the indicator to be lit.
The indicator of a Track where no data is recorded will not be lit even you press it.
3. Press the Stop button to stop playing.

To Erase the Recorded Performance Data

Unless you erase the performance data recorded in Song Number "0," you cannot select any other Song Number. Performance data can be stored on a floppy disk if you wish to retain it. Before erasing it, see page 42.



1. Press either of the Song [+/-] buttons.
The display shows the message "Er5" asking you if you are sure you wish to erase it.



To cancel deleting, press the Stop button.

2. Press the Rec button, and the performance data will be erased.
Once it is erased, it can never be restored.

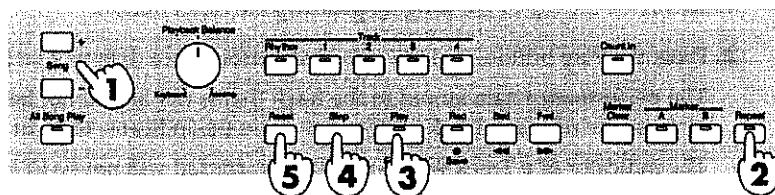
PRACTICING ON THE HP 550G

This chapter describes piano practicing methods using the Piano Partner function of the HP 550G. The HP 550G includes 30 different Demo Songs and is compatible with music data on the market which can be effectively used for your piano practicing. For a detailed explanation about Music Data, see pages 4 and 39.

Listening to a Demo Performance

For practicing piano, it is very important to listen to many different songs. The HP 550G stores many different demonstration songs. Please listen to them repeatedly.

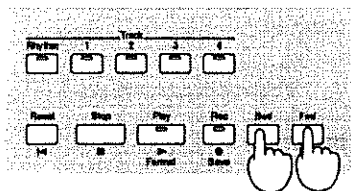
Here, we select the Demo Song Number "1", "Für Elise" to practice.



1. Specify a Song Number "1" using the Song [+/-] buttons.
2. Press the Repeat button and make sure that the indicator is lit.
3. Press the Play button, and the selected song will be played repeatedly.
4. Press the Stop button to stop playing.
5. To return to the top of the song, press the Reset button.
 - * If you press the Play button without pressing the Repeat button, the song will be played just once.
 - * If you wish to know the Song Names and Song Numbers, see "Demo Song List" on page 62.
 - * For songs with a pickup (that have notes before the first measure), the display shows "PU" before the song starts.
 - * You can start or stop playing a song using the Sostenuto Pedal. See page 48.

To Forward or Rewind Data

You can quickly reach the measure you wish to listen to by forwarding or rewinding data.



Each press of the Fwd button advances you one measure. Holding it down will quicken the movement.

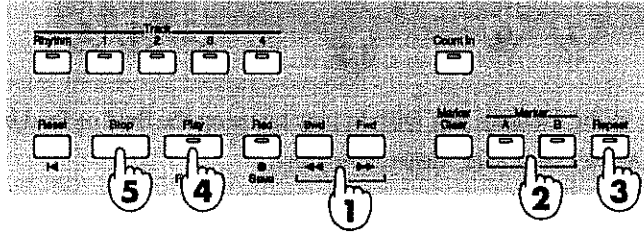
Each press of the Bwd button will take you back one measure. Holding it down will quicken the movement.

- * If you press the Play button at the end of a song, and the display shows "End," you must return to the top of the song by pressing the Reset button or select a different Song Number first then the Song Number you wish to listen to.

Listening to a Certain Section of a Song — Marker Function

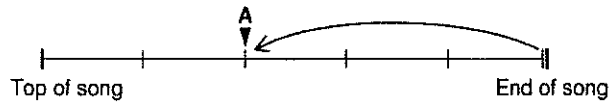
The HP 550G allows you to mark the beginning of a specific measure and play the marked measure repeatedly or quickly go back to that measure and play it.

To Mark the Measure You Wish to Play

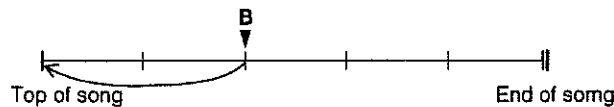


1. Move to the measure you wish to play using the Bwd or Fwd button.
The display shows the measure number.
2. Press the Marker A or B button and make sure that it is lit.
Now, the mark is placed at the top of the measure shown in the display.
3. Press the Repeat button and make sure that the indicator is lit.
4. Press the Play button and the data will be played back as shown below.

When Marker A is placed ... From Mark A to the end of the song is played repeatedly.



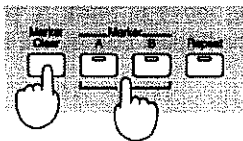
When Mark B is placed ... From Mark B to the top of the song is played repeatedly.



If you press the Marker button while the song is being played back, the marked measure will be played back again.

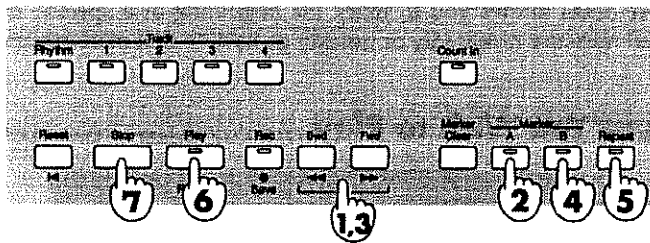
5. Press the Stop button to stop playing.
* The Mark cannot be placed at the middle of a measure.

To Clear the Marker

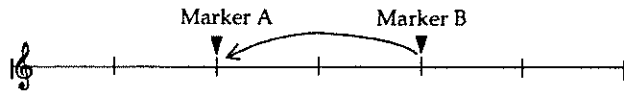


Press the Marker A or B buttons while holding the Marker Clear button down.

To Listen to a Certain Section of a Song Repeatedly



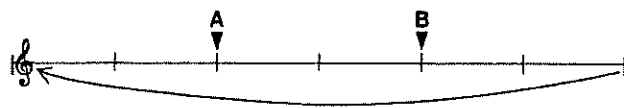
1. Move to the measure you wish to play by using the Bwd or Fwd buttons.
The Display shows the measure number.
2. Press the Marker A button and make sure that the indicator is lit.
Now, Mark A is placed at the top of the measure shown in the display.
3. Move to the measure that follows the one you wish to listen to, using the Bwd or Fwd button.
4. Press the Marker B button and make sure that the indicator is lit.
Now, Mark B is placed at the top of the measure shown in the display.
5. Press the Repeat button and make sure that the indicator is lit.
6. Press the Play button, and the data is played back repeatedly from Mark A to Mark B.



If you press the Marker button while the song is being played back, the marked measure will be played back again.

7. Press the Stop button to stop playing.
* Mark B cannot be placed in the measure prior to Mark A.

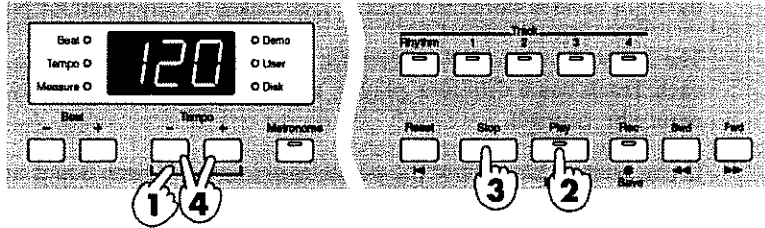
When the Repeat button Indicator is not lit.....



When the Repeat button is not lit, the song will be played back from the beginning to the end. Pressing the Marker A button will move to Mark A, pressing the Marker B button will move to Mark B and pressing the Repeat button will move to the top of the song.

Playing the Piano in a Slower Tempo

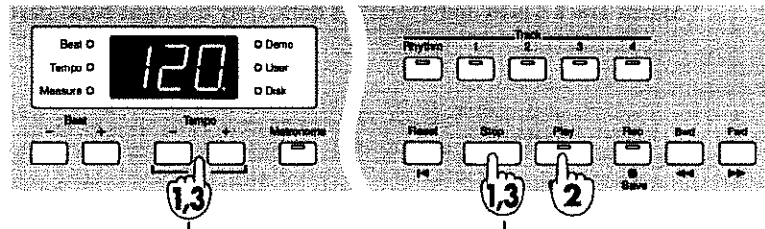
If the song is quick and difficult, you can make the tempo slower and practice. Changing the tempo does not affect the pitch.



1. Select a desired tempo by pressing the Tempo [+/-] buttons.
 2. Press the Play button, and the song will be played at the set tempo.
 3. Press the Stop button to stop playing.
 4. Press the two Tempo [+/-] buttons at the same time, and the original tempo will be retrieved.
- * You can change the tempo even while the song is playing.
 - * You cannot change the beat while a song is being played.

Eliminating a Difficult Tempo Change

If the song includes difficult tempo or beat changes, you can turn it into a song with a consistent tempo, making it easier for practice.



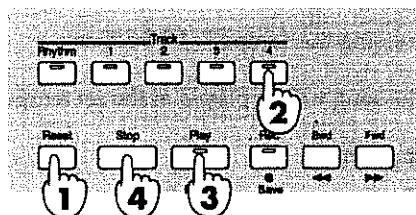
1. Press either of the Tempo [+/-] buttons while holding the Stop button down.
2. Press the Play button.
The song is played back at the same tempo as currently shown in the display.
While in the above state, the display shows something like this: "120." — that is, a number representing the tempo followed by a dot.
3. To return to the original tempo of the song, press either of the Tempo [+/-] buttons while holding the Stop button down.

Listening to Right or Left Hand Part Separately — Track Mute

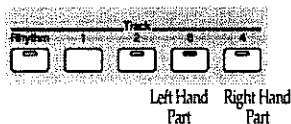
Each of the Demo Songs in the HP 550G is stored in the 5 Tracks separately. For example, the data played with the left hand is stored in Track 3, while the data played with the right hand is stored in Track 4. This makes it convenient for piano lessons.

The Demo Songs include pieces for four-hand performances. In a four-handed piece, each Track has a different player, and therefore, you can enjoy four-handed performance by yourself.

If you wish to know how the performance data of Demo Songs are assigned to Tracks, see "Demo Song List" on page 62.



1. Press the Reset button to return to the top of the song.
2. Press the Track 4 button and confirm that the indicator goes out.

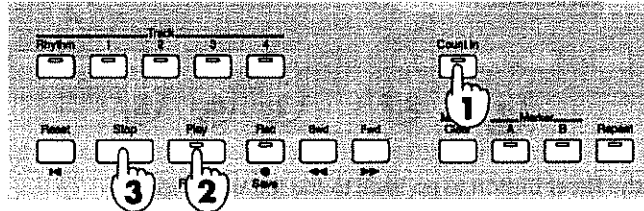


3. Pressing the play button will play back only the left hand part.
4. Press the Stop button to stop playing.

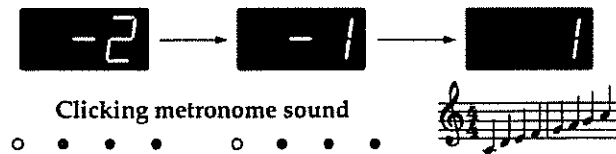
* When Track 4 is lit and Track 3 is dark, only the right-hand part will be played.

To Start Playing the Piano at the Right Timing along with a Demo Song — Count-In Play

When you play the piano along with a Demo Song, it will be difficult for you to start at the right timing if the song starts suddenly. The Count-in can be effectively used to make it easier for you to start playing. This is called Count-in Play.



1. Press the Count In button and make sure that the indicator is lit.
2. Press the Play button, and the song will start playing after a two-measure count-in.



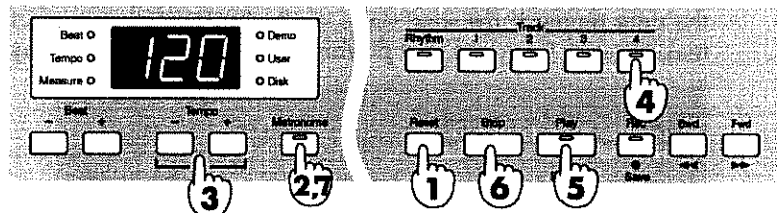
3. Press the Stop button to stop playing.

If you wish to mute the count-in, press the Count In button to cause the indicator to go out.

* If you press the Play button while the Metronome is being played, the Count-in will be turned on.

Practicing Right and Left Hands Separately

If you have listened to a Demo Song well and grasped the image of the song, you may practice the right and left hands separately.



- 1.** Press the Reset button to go back to the top of the song.
- 2.** Press the Metronome button to turn on the Metronome.
Play the piano to the Metronome so that you can play in the correct tempo.
- 3.** Select the desired tempo using the Tempo [+/-] buttons.
Start with a slow tempo.
* You can retrieve the original tempo of that song by pressing the Tempo [+/-] buttons at the same time.
- 4.** Press the Track 4 button to cause the indicator to go out.
- 5.** Press the Play button.
After two measure's count-in, the left hand part of the demo song will be played in the tempo you have selected.

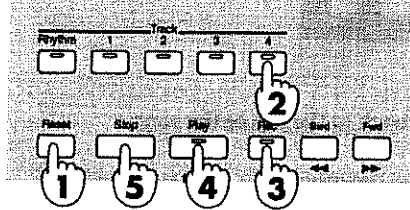
Now, play the right hand part.
- 6.** Press the Stop button to stop playing.
- 7.** Press the Metronome button to switch off the metronome.

* For further details about the Metronome, see page 17.

Playing Along with the Demo and Recording

For example, when you have finished practicing the right-hand part, try recording to see how well you do, while the left-hand part is played by the Demo.

When you later play back the recorded music, it can be quite helpful in determining where you may need more practice.



1. Press the Reset button to go back to the top of the song.
2. Press the Track 4 button and make sure that the indicator is not lit.
3. Press the Rec button.

Now, the HP is ready to record your performance.

Press the Stop button to stop recording.



Track 1 flashes

4. Press the Play button, and it starts recording after a two-measure count-in.
You can play the right-hand part along with the left hand part of the Demo Performance.
5. Press the Stop button to stop recording. The display shows Song Number "0."
The performance of your right hand part has been recorded in Track 1.

* Once you have recorded data, you cannot select any other Song Number except for "0." If you wish to select a different song number, see page 27.

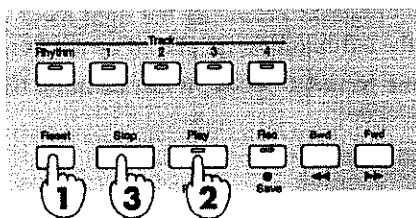
* If the piano is switched off, the entire performance data will be automatically erased. If you wish to retain the data, save it as shown on page 42.

* If the display shows any error message such as "E.00," see page 56.

* You can start or stop recording using the Sostenuto Pedal. See page 48.

* You can record only the Drum Set or SFX Set in the Rhythm Track. (p. 26)

Listening to the Recorded Performance



1. Press the Reset button to go back to the top of the song.
2. Press the Play button, and the recorded data will be played back.
The right-hand part you played and the left hand part of the Demo Performance are played back.
3. Press the Stop button to stop playing.

If the indicator of Track 1 is lit and that of Track 3 is dark, only the right-hand part of your performance will be played.



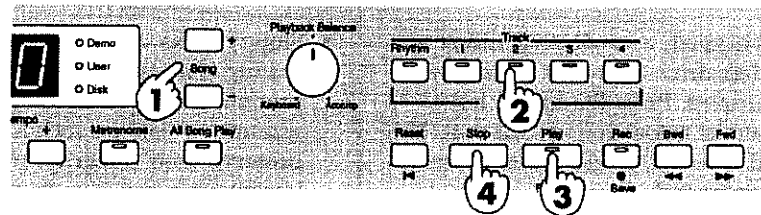
If the indicator of Track 3 is lit and that of Track 1 is dark, only the left-hand part of the Demo Performance will be played.



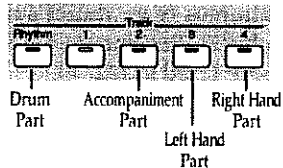
Playing While Backed by an Ensemble — Minus-one Performance

The HP 550G allows you to play to ensemble music. Muting one part of a song and playing that part yourself is called "Minus-One Performance."

Here, we select Demo Song Number 17 "La chevaleresque".



1. Select the Song Number "17" using the Song [+/-] buttons.
2. Press the Track button that includes the Part you wish to play and make sure the indicator goes out.



Here, if you cause Tracks 3 and 4 to go out, you can play the piano with the accompaniment and Drum Part.

3. Press the Play button to start playing.
The data stored in the track whose indicator is turned off will not be played. So, you can play that part yourself.
4. Press the Stop button to stop playing.
* If more than one Part is recorded in one Track and you wish to delete one Part before playing that Track back, see page 50.

You can change the volume balance of the stored performance data and your performance using the Playback Balance knob.



To emphasize the keyboard performance To emphasize the performance data

- * Normally, set the knob to the center position.

USING THE DISK DRIVE

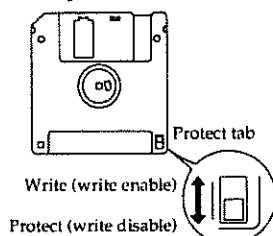
Before Using Floppy Disks

Handling the Floppy Disk Drive

- Before being shipped, a cardboard insert was placed in the disk drive to protect it from vibration during transport. Press the EJECT button to remove this material before you use the unit. This material should be saved, and reinserted whenever the unit is transported.
- Avoid using the unit immediately after it has been moved to a location with a level of humidity that is greatly different than its former location. Rapid changes in the environment can cause condensation to form inside the drive, which will adversely affect the operation of the drive and/or damage floppy disks. When the unit has been moved, allow it to become accustomed to the new environment (allow a few hours) before operating it.
- To insert a disk, push it gently but firmly into the drive—it will click into place. To remove a disk, press the EJECT button firmly. Do not use excessive force to remove a disk which is lodged in the drive.
- Never attempt to remove a floppy disk from the drive while the drive is operating (the indicator is brightly lit); damage could result to both the disk and the drive.
- Remove any disk from the drive before powering up or down.
- To prevent damage to the disk drive's heads, always try to hold the floppy disk in a level position (not tilted in any direction) while inserting it into the drive. Push it in firmly, but gently. Never use excessive force.

Handling the Floppy Disks

- Floppy disks contain a plastic disk with a thin coating of magnetic storage medium. Microscopic precision is required to enable storage of large amounts of data on such a small surface area. To preserve their integrity, please observe the following when handling floppy disks:
 - Never touch the magnetic medium inside the disk.
 - Do not use or store floppy disks in dirty or dusty areas.
 - Do not subject floppy disks to temperature extremes (e.g., direct sunlight in an enclosed vehicle). Recommended temperature range: 10 to 50° C (50 to 122° F).
 - Do not expose floppy disks to strong magnetic fields, such as those generated by loudspeakers.
- Floppy disks have a "write protect" tab which can protect the disk from accidental erasure. It is recommended that the tab be kept in the PROTECT position, and moved to the WRITE position only when you wish to write new data onto the disk.

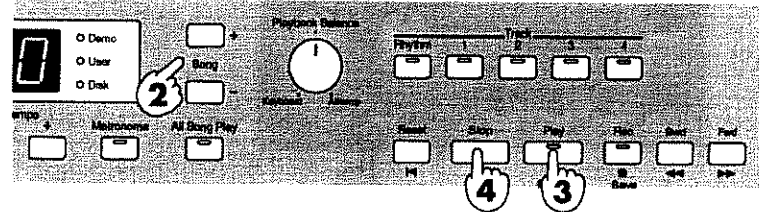


- Disks containing performance data for this unit should always be locked (have their write protect tab slid to the "Protect" position) before you insert them into the drive on some other unit (except a product in the HP-G, MT, KR, or Atelier families), or into a computer's drive. Otherwise (if the write protect tab remains in the "Write" position), when you perform any disk operations using the other device's disk drive (such as checking the contents of the disk, or loading data), you risk rendering the disk unreadable by this unit's disk drive.
- The identification label should be firmly affixed to the disk. Should the label come loose while the disk is in the drive, it may be difficult to remove the disk.
- Put the disk back into its case for storage.

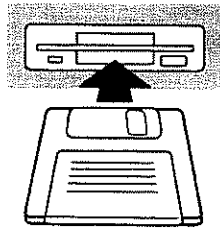
Listening to Music Data

The HP 550G is equipped with a disk drive that allows you to make use of a variety of the music data on the market. There are many types of music data, not only for listening, but for practicing musical instruments, for Karaoke, etc.

For information on music data that is compatible with the HP 550G, see page 4.



1. Insert the floppy disk into the disk drive with the upper side facing upward.
The disk drive is located at the right of the front panel.



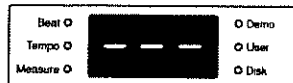
2. Select a Song Number using the Song [+/-] buttons.



The Disk Indicator is lit.

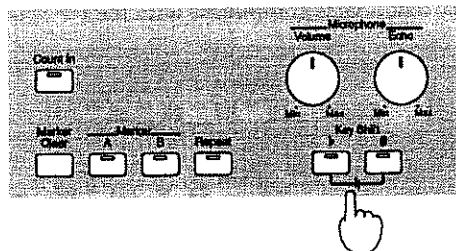
3. Press the Play button to start playing.
4. Press the Stop button to stop playing.

- * You can play the songs on a floppy disk continuously. See page 13.
- * While a floppy disk is connected, any internal Demo Song cannot be played.
- * If you rewind or forward the music data right after playing it back, the display may respond as follows. This shows that the HP 550G is loading the performance data from the floppy disk, so please wait for a while.



Changing the Keys of the Accompaniment — Key Shift Function

You can easily transpose the Demo Song, performance data such as music data and play it back. This function can be effectively used for playing the piano with another musical instrument or tuning for Karaoke.



1. Set the amount of transposition using the Key Shift buttons.

Pressing # will increase the pitch in semitone steps.

Pressing b will decrease the pitch in semitone steps.



You can set the value from -6-0-5.

When the display shows "0," the indicator of the button is not lit.

2. Press two Key Shift buttons at the same time to set the amount of transposition to "0."

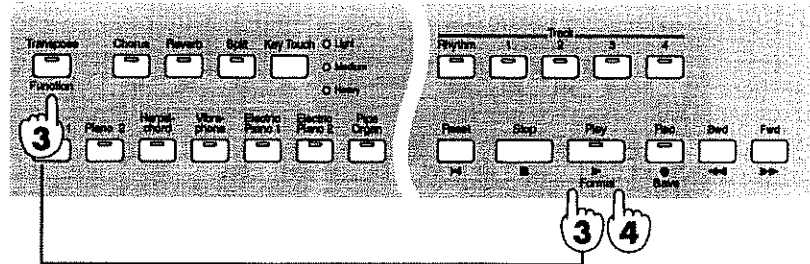
* When the piano is switched on, "0" will be automatically selected.

* The Key Shift function will transpose both the performance data and the keyboard at the same time. If you have already used the Key Transpose function and set the key transposition amount, the Key Shift value on the keyboard will be added to it.

Using a Floppy Disk — Formatting

To use a brand new floppy disk on the HP 550G, you must format it with the HP 550G. Formatting will erase any and all existing data that may have been stored on the disk. If using a floppy disk which has been previously used, make sure that you no longer need the data on that floppy disk before formatting it.

Before using the disk drive, please read the important notes on page 38.



1. Make sure that the Protect Tab on the floppy disk is set to the Write position.
2. Insert the floppy disk into the disk drive with the upper side facing upward.
If the display responds with an error message "E.20," it means that the disk drive cannot read this type of floppy disk. If this happens, continue to the following procedure.

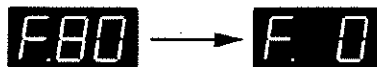


3. Press the Format button while holding the Function button down.
The display shows "For."



If you wish to cancel formatting, press the Function button again.

4. Press the Format button again.
It starts formatting and the display shows the count down.



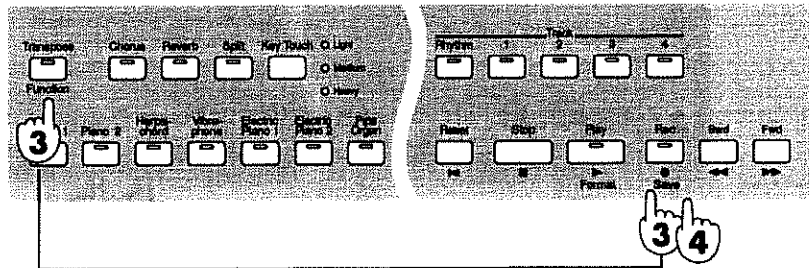
When it completes formatting, the indicator of the Format button will go out.

* When the display shows any other error message but "E.20," see page 56.

Preserving the Recorded Performance Data — Saving

The recorded performance data will be erased if the piano is switched off or a different song is selected. If you wish to retain the recorded performance data, store it on a floppy disk. Recording data on a floppy disk is called saving. Before using the disk drive, please read the important notes on page 38.

If you are using a brand new floppy disk on the HP 550G, you must format it. See page 41.



1. Make sure that the Protect Tab on the floppy disk is set to the Write position.
2. Insert the floppy disk into the disk drive with the upper side facing upward.
3. Press the Save button while holding the Function button down.

To cancel saving, press the Function button again.

The display shows a new Song Number. If you wish to change to a different number, specify it with the Song [+/-] buttons. You can select any number from 1-99.

If you save data with the same number as you have used before, the previous data will be erased and the new data is written. If you specify the Song Number you have previously used, the display shows "U" to warn you.



4. Press the Save button to start saving.

If you try to save the number you have previously used, the display will respond with the message "Sur". Saving will not start unless you press the Save Button again.



Saving takes approximately 5 to 50 seconds.

When saving is completed, the indicator of the Save button goes out.

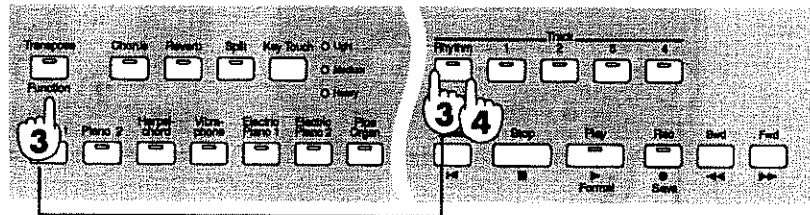
- * If the display responds with an error message such as "E.00," see page 56.
- * The performance data saved using this method should be used for the HP 550G.
- * Once performance data is saved onto a floppy disk using the above method, data in the SMF format cannot be saved on that disk.

Saving the Recorded Performance Data as an SMF — SMF Saving

If you save performance data in SMF (Standard Midi File) format, the performance data can be played back on all devices that can play back SMF music data.

Before using the disk drive, read the important notes on page 38.

To use a brand new floppy disk on the HP 550G, you must format it. Please read the instructions on page 41.



1. Make sure that the Protect Tab on the floppy disk is set to the Write position.
2. Insert the floppy disk into the disk drive with the upper side facing upward.
3. Press the Rhythm button while holding the Function button down.

To cancel saving, press the Function button again.

The display shows a new Song Number. If you wish to change to a different number, specify it with the Song [+/-] buttons. You can select any number from 1-99.

If you save data with the same number as you have used before, the previous data will be erased and the new data is written. If you specify the Song Number you have previously used, the display shows "U" to warn you.



4. Press the Save button to start saving.

If you try to save the number you have previously used, the display will respond with the message "Sur". Saving will not start unless you press the Save Button again.



Saving takes approximately 5 to 50 seconds.

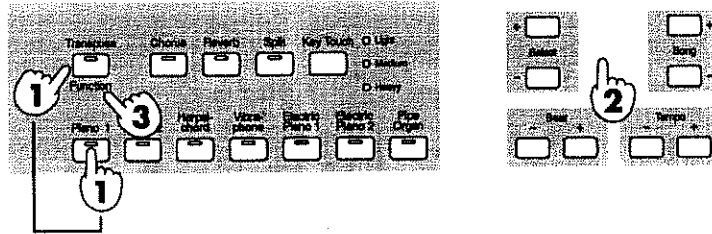
When saving is completed, the indicator of the Rhythm button goes out.

- * If the display responds with an error message such as "E.00," see page 56.
- * Once some performance data have saved in the SMF format on a floppy disk, data cannot be saved in a different way.
- * When you play back performance data saved as an SMF, the tracks where data is placed may differ somewhat from what they were before the data was saved.

OTHER USEFUL FUNCTIONS

Adjusting the Pitch of the Sound — Master Tuning

When you play the piano along with some other musical instrument, the pitch of the basic note should be the same. Otherwise, the whole performance will be spoiled. Generally, you can adjust the pitch of the instrument by playing the middle A key and set it to the same pitch as the other instrument. This pitch is shown in Hertz, and is called the Standard Pitch, and setting the pitch to the same frequency is called tuning.



1. Press the Piano 1 button while holding the Function button down.
2. Adjust the pitch using the [+/-] buttons.

The standard pitch can be set to any value from 415.4–466.1 Hz.

The display shows the three figures from the right to left; the first decimal place, number of units and tens.



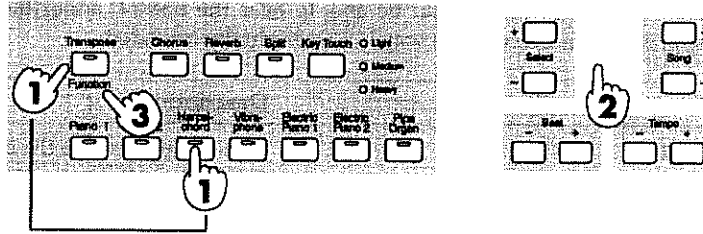
The above display shows that the pitch is 440.0 Hz.

3. Press the Function button and confirm that the indicator goes out.

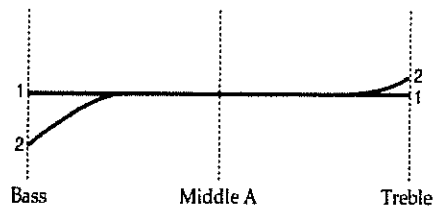
* When the HP is switched on, a standard pitch of 440.0 Hz will be automatically selected.

Setting the Tuning Curve — Stretch Tuning

Stretch Tuning is a unique method of tuning specific to pianos. The pitch of a piano is generally tuned lower in the bass, and higher in the treble compared with equal temperament. The Tuning Curve shows the actual pitch change of the tuning compared to the pitch change in the treble of the equal temperament. By changing the tuning curve, the chords will sound subtly different.



1. Press the Harpsichord button while holding the Function button down.
2. Select the Tuning Curve 1 or 2 with the [+/-] buttons.



Display	Description
1	This is a standard tuning curve which is suitable for the Dual Play or ensemble with the other musical instrument.
2	This is the tuning curve that stretches the bass and treble. This is suitable for piano solo.

3. Press the Function button and confirm that the indicator goes out.
 - * When the HP is switched on, 2 will be automatically selected.
 - * Even when using a tuning method other than Equal Temperament, the Tuning Curve can be set.
 - * This Stretch Tuning is effective for Piano tones.

Playing in the Tuning of Classical Music

Your new piano allows you to play classical music, such as baroque, while using the tuning actually used in that period.

Most music today is composed and played based on the assumption that equal temperament (the most common tuning method) will be used. However, various different tunings were in existence during the age of classical music. By playing a piece using the old tuning, you should be able to hear the natural sonorities of the chords, and appreciate the piece in the way it was originally intended.

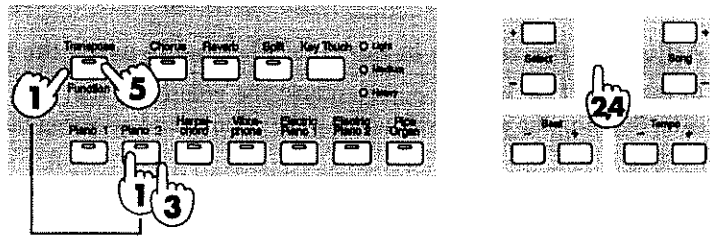
Display	Tuning	Descriptions
1	EQUAL	This tuning divides the octave equally into 12 intervals. All pitches have an equal, slight amount of ambiguity.
2	PYTHAGOREAN	This method of tuning was invented by the famous philosopher Pythagoras. It resolves the ambiguity of the fourths and fifths. The third, however, is somewhat imperfect, but the melody sounds clear.
3	JUST (MAJOR)	A method of tuning which resolved the ambiguousness of fifths and thirds. Quite beautiful sonorities are produced with chords, but the scale is unbalanced, so it is not well-suited for melodies.
4	JUST (MINOR)	With Just tuning, the tuning for major is different from that for minor. The same effect as the major version can be obtained with the minor one.
5	MEAN TONE	A temperament which adds some compromises to Just temperament, and facilitates transposition.
6	WERCKMEISTER	Through combining the Mean Tone and Pythagorean temperaments, it allows for playing in any key.
7	KIRNBERGER	As a result of improvements made to the Mean Tone and Just temperaments, it is relatively tolerant towards transposition, and can be used to play in all keys.

When you play using a tuning other than equal temperament, you need to assign the keynote ("C" for major and "A" for minor) according to the key of the song to be played. For ensemble with a different musical instrument, pitches will differ depending on the key. Therefore, you should set the HP piano to the same basic pitch as the other instrument.

The display represents the following notes:

Display	C	C.	d	d.	E	F	F.	G	G.	A	A.	b
Basic Note	C	C#	D	D#	E	F	F#	G	G#	A	A#	B

Setting the Tuning Method.....

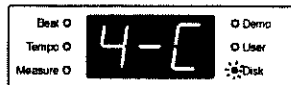


1. Press the Piano 2 button while holding the Function button down.
The display shows the Tuning Method currently selected and the Basic Note.
The Basic Note is shown at the right and the Tuning at the left.



The Measure indicator will be blinking.

2. Select the desired Tuning Method with the [+/-] buttons.
3. Press the Piano 2 button again.



The Disk Indicator will be blink.

4. Select the Basic Note with the [+/-] buttons.
5. Press the Function button and confirm that the indicator goes out.

The Tuning Method you have selected is retained until the HP piano is switched off.

- * Even if you record data using a tuning other than Equal, the data will be played using Equal tuning.
- * When the HP piano is switched on, Equal Temperament is automatically selected.

Changing the Assignment to the Pedals

The Soft Pedal and the Sostenuto Pedal can be assigned to different function as follows:

Adjusting the volume in the Dual Play mode using the Soft Pedal

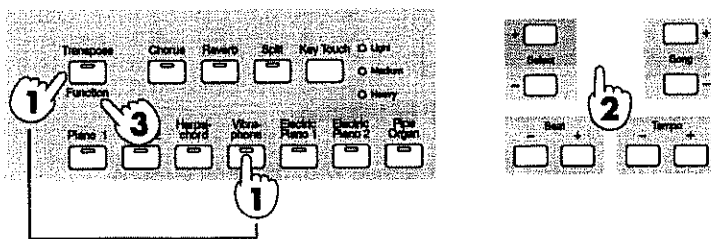
In the Dual Play mode, you can adjust the volume of the Tone buttons on the right side. Pressing the pedal will increase the volume and releasing the pedal will mute the sound.

Selecting Tones using the Sostenuto Pedal

Pressing the Sostenuto Pedal will alternately play the currently playing Tone and the Tone previously selected.

Controlling Start/Stop using the Sostenuto Pedal

Using the Sostenuto Pedal, you can start or stop playing or recording a song.



1. Press the Vibraphone button while holding the Function button down.
2. Set the pedal function using the [+/-] buttons.
3. Press the Function button and confirm that the indicator goes out.

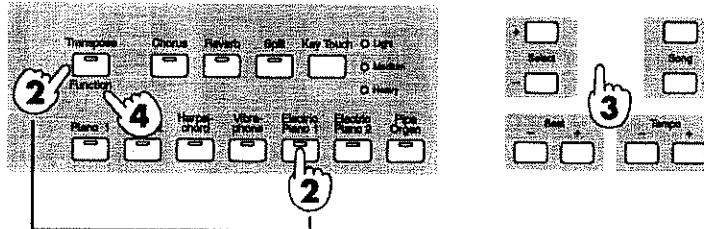
Display	Pedal Function
1	Normal pedal function
2	You can adjust the volume of the Tone buttons on the right side in the Dual Play mode using the Soft Pedal.
3	This function allows you to change Tones with the Sostenuto pedal.
4	It has both functions for 2 and 3.
5	You can start or stop playing or recording a song using the Sostenuto Pedal.
6	It has both functions for 2 and 5.

Monitor the effect by actually listening to the sound.

* When the HP is switched on, 1 will be automatically selected.

Changing the Volume Balance for Dual Play

You can change the volume balance of the two Tones used for Dual Play. Higher values increase the volume.



1. Press two Tone buttons at the same time to turn to the Dual Play mode.
2. Press the Electric Piano 1 button while holding the Function button.
3. Adjust the volume balance with the [+/-] buttons.

Monitor the volume balance by actually listening to the sound.

[+] increases the volume of the right Tone.



[-] increases the volume of the left Tone.



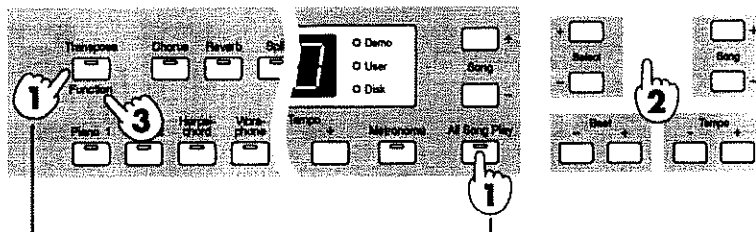
4. Press the Function button and confirm that the indicator goes out.

* When the HP is switched on, 5 - 5 will be automatically selected.

OTHER USEFUL FUNCTIONS

Muting One Part and Listening to It — Part Mute

When the Piano Partner function is used, up to 16 Part sound sources are used for playing the data for accompaniment. You can mute one Part. This is called Part Mute.



1. Press the All Song Play button while holding the Function button down.
2. Specify the Part to be muted using the [+/-] buttons.
The display shows "OFF" or "1-16." When OFF is shown, all the Parts will be played.

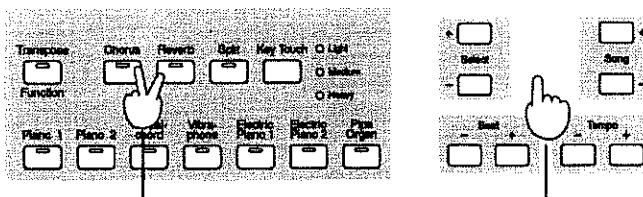


3. Press the Function button and make sure that the indicator goes out.
* When the piano is switched on, "OFF" will be automatically selected.

Changing the Amount of Resonance for the Damper Pedal

On an acoustic piano, pressing the damper pedal will create a resonance effect as the other strings resonate with the played key, adding rich vibration and spaciousness. The HP-550G reproduces this resonance.

The amount of resonance can be changed to any of 7 levels. A higher value produces a deeper effect.



While holding down the Chorus and Reverb buttons at the same time, set the amount of resonance with the [+/-] buttons.



- 1-7 are available for the Resonance effect.
- * When the HP is switched on, 4 will be automatically selected.
 - * This setting is effective for Pianotones.

USING MIDI AND/OR A COMPUTER

If you do not intend to connect a MIDI device to the piano, you do not need to read this chapter.

MIDI

MIDI stands for Musical Instrument Digital Interface, an international standard which allows performance information to be communicated among electronic musical instruments and computers.

Connecting with MIDI Devices

The HP 550G features MIDI and Computer connectors to send and receive performance messages to and from an external device. By connecting external devices to these jacks, you will benefit from more integrated ways of using the HP piano.

MIDI Connectors

The HP 550G features two types of MIDI connectors: MIDI OUT and MIDI IN. By connecting the piano to an external MIDI device through these jacks, they can control each other. For instance, you can play an external device or change sounds on the external device from the piano.

MIDI Out Jack

This sends out messages describing actions (such as playing the keyboard) to the MIDI connector on the external device.

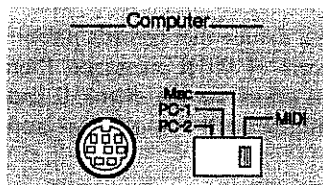
MIDI In Jack

This receives the MIDI messages sent by an external MIDI device.

The receiving MIDI device will act according to the MIDI messages received; such as produce sounds, change sounds, etc.

Connecting a MIDI Device to the HP-550G

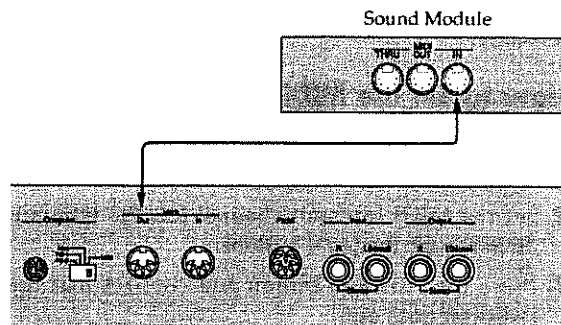
1. Switch off the piano.
2. Set the Computer switch on the rear of the piano to the MIDI position.



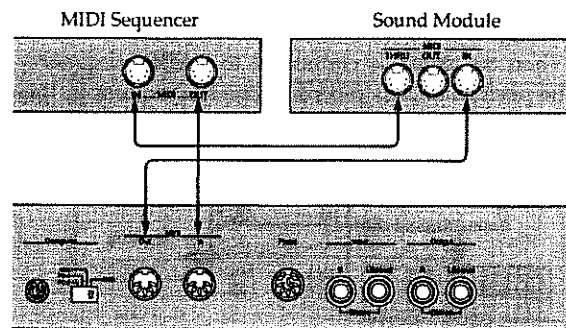
3. Connect the MIDI connector on the external device with that of the piano using a MIDI cable (MSC-15/25/50; optionally available).

Setup Example

Setup with a Sound Module



Setup with a MIDI Sequencer, MIDI Sound Module



If necessary, read p. 52 and set the MIDI Transmit Channel, Local Control ON/OFF, etc.

Setting the MIDI Transmit Channels

MIDI provides 16 channels. MIDI messages are communicated between two devices over a MIDI channel. Even if the two devices are connected properly with a MIDI cable, messages cannot be sent or received properly if the MIDI channels are not set correctly.

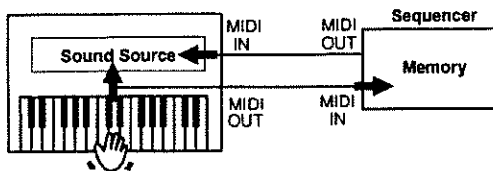
How to Set the MIDI Transmit Channel

1. Press the Electric Piano 2 button while holding the Function button down.
2. Set the MIDI transmit channel (on the transmit device) with the [+/-] buttons.
3. Press the Function button and confirm that the indicator goes out.

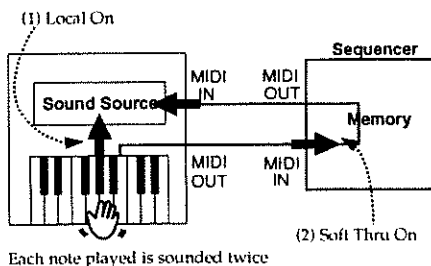
Setting the Local Control

Local Control On/Off

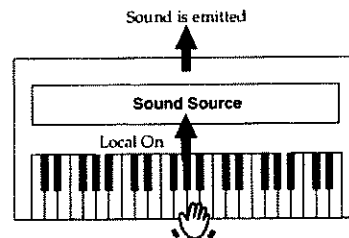
When the piano is connected to a MIDI sequencer, the performance is recorded into the sequencer, then the recorded data can be played back by the sequencer.



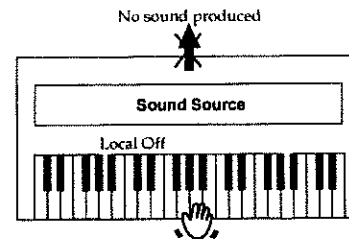
If the sequencer's THRU function is turned on, the same notes will be combined and played. This happens because the keyboard information reaches the sound generator via two different routes, (1) and (2). This makes the performance sound strange, and greatly reduces the number of available voices. To resolve this, we can disable route (1) by setting the unit to LOCAL OFF.



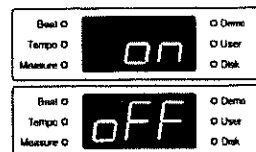
Local ON: In this mode, the keyboard and the internal sound module are connected.



Local Off: The keyboard and the internal sound module are disconnected. No sound will be heard by playing the keyboard.



1. Press the Others button while holding the Function button down.
Now it is in Local On mode.
2. Local can be toggled On/Off by pressing the [+/-] buttons.



3. Press the Function button and confirm that the indicator goes out.
- * When the piano is switched on, "Local On" will be automatically selected.
 - * When a MIDI cable is not connected to any MIDI connector on the piano, it is always set to Local On.
 - * A MIDI sequencer is a device that records performance data in the form of MIDI messages, then plays it back. Roland offers the MC-50mk II and MT-120, which combine both a sequencer and sound module.

Local On or Off is selected through the reception of MIDI Local Control messages. If the piano is connected with a MT-120, Local Off messages will be transmitted when the MT-120 is switched on. By switching on the piano, then the MT-120, the piano will automatically be set to Local Off.

Setting the Transmit Mode

There are two Transmit modes for sending MIDI messages. Select the one that suits your purpose.

- * Note and Pedal messages can be transmitted and received in any mode.

Display	Transmit Mode
1	Mode 1

This mode allows the piano to transmit only the performance messages (information concerned with playing the keyboard or pressing the pedals) to the external MIDI device.

Even if you change Tones on the piano, Tone Selection messages (Program Change) are not transmitted.

2	Mode 2
---	--------

This mode allows the piano to transmit various setting messages, along with the normal performance information. When you select a new Tone, the corresponding Program Change will be transmitted. This mode may be convenient when recording performances into a sequencer.

1. Press the Chorus button while holding the Function button down.
 2. Select the Transmit Mode with the [+/-] buttons.
 3. Press the Function button and confirm that the indicator goes out.
- * When the piano is switched on, MODE 1 will be automatically selected.

Mode	1	2
MIDI Messages	Transmit	Transmit
Note Message	o	o
Program Change Message	*1	o
Control Change Message		
Bank Select MSB (0)	x	o
Bank Select LSB (32)	x	o
Volume (7)	x	x
Damper (64)	o	o
Sostenuto (66)	o	o
Soft (67)	o	o
Expression (11)	o	o
Chorus On/Off (93)	x	o
Reverb On/Off (91)	x	o

*1: No message will be transmitted by selecting a new Tone on the piano. (See Transmitting Program Changes)

Transmitting Program Changes

Program Changes can be transmitted as follows:

1. Press the Reverb button while holding the Function button down.
2. Press the Reverb button again, and the display shows the Group, Bank, and Number.
3. Set the Program Change Number with the [+/-] buttons.
4. Press the Function button and confirm that the indicator goes out.

Group A

		Number							
		1	2	3	4	5	6	7	8
Bank	1	1	2	3	4	5	6	7	8
	2	9	10	11	12	13	14	15	16
	3	17	18	19	20	21	22	23	24
	4	25	26	27	28	29	30	31	32
	5	33	34	35	36	37	38	39	40
	6	41	42	43	44	45	46	47	48
	7	49	50	51	52	53	54	55	56
	8	57	58	59	60	61	62	63	64

Group B

		Number							
		1	2	3	4	5	6	7	8
Bank	1	65	66	67	68	69	70	71	72
	2	73	74	75	76	77	78	79	80
	3	81	82	83	84	85	86	87	88
	4	89	90	91	92	93	94	95	96
	5	97	98	99	100	101	102	103	104
	6	105	106	107	108	109	110	111	112
	7	113	114	115	116	117	118	119	120
	8	121	122	123	124	125	126	127	128

Regarding the Tones that are changed upon reception of Program Changes, ask a local Roland Service Station.

Error Messages

Press the Stop button to get an Error message to go away. Then, follow the solutions found next to "You should:".

E00

Meaning: Due to copyright protection, you cannot save to a disk different than the original one.

You should: Save it on the same disk. (p. 42, 43)

E01

Meaning: Music data of this type cannot be saved onto disk.

You should: Use Roland SMF Music Data and Roland Digital Piano Compatible music data (p. 4)

E02

Meaning: The disk protect tab is set to "Write Protect."

You should: Move the tab to the "Write" position. (See page 38 in the manual.)

E03

Meaning: You cannot format or save something onto a master disk.

You should: Save onto a disk that has been newly formatted on this unit. (Refer to p. 41–43.)

E04

Meaning: Data cannot be saved on disks of this type.

You should: There are two types of floppy disks — those onto which performance data recorded on the HP 550G has been saved, and those onto which you store SMFs. You need to keep track of which is which, and store only data of the same type on a particular type of disk. To dedicate a disk to one or the other of the two types, simply save the desired type of data onto a freshly formatted disk. (p. 42, 43)

E10

Meaning: No disk is inserted in the disk drive.

You should: Insert a disk in the disk drive. (p. 39)

E11

Meaning: It cannot be saved because there is not enough storage space remaining on the disk.

You should: Use another disk that has been formatted on this unit. (p. 41)

E12

Meaning: Because the disk is not formatted, you cannot save onto it.

You should: Use a disk that has been formatted on this unit. (See p. 41.)

E13

Meaning: The disk was taken out of the drive while saving or formatting was in progress.

You should: Do the procedure over again. However, after the save or format is initiated, do not take out the disk until after you see the message indicating the process has been completed. (p. 41)

E14

Meaning: A corrupt sector was discovered on the disk's surface.

You should: Have ready a different disk that was formatted on this unit. (p. 41)

E15

Meaning: The data cannot be saved onto this floppy disk.

You should: Save the data onto the floppy disk formatted with the HP 550G. (p. 41)

E20

Meaning: Disks of this type cannot be read.

You should: Use Roland SMF Music Data and Roland Digital Piano Compatible music data (p. 4)
If the disk has not been formatted, format on this unit so it can be used.

E21

Meaning: Music data of this type cannot be read.

You should: Use Roland SMF Music Data and Roland Digital Piano Compatible music data (p. 4)

- E22** **Meaning:** The disk was taken out while a read was in progress.
You should: Reinsert the disk and do the procedure over again from the beginning. Never take out a disk while the unit is in the midst of playback or is in recording standby. And at all other times as well, you must always wait until the drive's indicator goes out before removing the disk. (p. 38)
- E23** **Meaning:** A damaged sector was discovered on the disk.
You should: This music data can no longer be used.
- E24** **Meaning:** The speed at which the disk can be read is not quite fast enough for proper song playback.
You should: First of all, press the Stop button. Then, press the Reset button, and after that once again press the Play button.
- E25** **Meaning:** This music data cannot be played back.
You should: The data includes performance data that is not compatible with the HP 550G. You cannot use this music data on the HP 550G.
- E30** **Meaning:** Because the size of the music data is large, only playback can be carried out.
You should: With music data like this, you cannot use the recording, rewind, fast forward, and data saving features of this unit. Such songs should be treated as being for listening only. Enjoy them using the "All Song Play" feature. (Page 13 in the manual.)
- E31** **Meaning:** Because the size of the music data is large, recording cannot be performed.
You should: This music data should be treated as being for listening only. It can be enjoyed using the "All Song Play" feature. (Page 13 in the manual.)
- E32** **Meaning:** Recording was canceled.
You should: No further recording can be carried out since an excessively large number of performance messages were generated.
- E33** **Meaning:** This type of music data can only be played back.
You should: This music data cannot be recorded, rewound, forwarded or saved. Use this specifically for listening in the All Song Play mode. (p. 13)
- E40** **Meaning:** Because a lot of MIDI data was sent at once, the HP 550G could not properly process it.
You should: Press the Stop button to get the error message to go away.
- E41** **Meaning:** A problem occurred — possibly a MIDI cable or a computer cable was pulled out.
You should: Press the Stop button to get the error message to go away.
- E42** **Meaning:** Because an excessive number of performance messages were sent at one time, recording could not be carried out.
You should: Press the Stop button to get the error message to go away.
- E43** **Meaning:** The Computer switch is not set properly or the computer is not set correctly.
You should: Switch off the piano and set the Computer switch correctly. (p. 54)

If the Display Responds as Follows ...

If the display shows any of the following error messages, refer to the relevant pages in this owner's manual.

A number is shown after "E" such as "E.00"

p. 56 Error Messages



"PU"

p. 13 Listening to the Demonstration Songs
—All Song Play



"ErS"

p. 26 To delete the Performance Data recorded in
a Track

p. 27 To Erase the Recorded Performance Data



"End"

p. 28 To Forward or Rewind Data



"_ _ _"

p. 39 Listening to Music Data



"For"

p. 41 Using a Floppy Disk
—Formatting



A number is shown after "F" such as "F.80"

p.41 Using a Floppy Disk
—Formatting



A number is shown after "U" such as "U10"

p. 42 Preserving the Recorded Performance Data

p. 43 Saving the Recorded Performance Data as an SMF



"Sur"

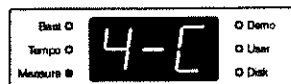
p. 42 Preserving the Recorded Performance Data

p. 43 Saving the Recorded Performance Data as an SMF



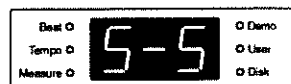
"4-C," "3-F" etc.

p. 47 Setting the Tuning Method



"5-5," "3-7" etc.

p. 49 Changing the Volume Balance for Dual Play



"on"

p. 52 Setting the Local Control



"oFF"

p. 50 Setting the Local Control

p. 52 Muting One Part and Listening to it
—Part Mute



Troubleshooting

When the piano does not work properly, check the following first:

The piano cannot be switched on

- Check that the Power Cord is securely and correctly connected. (p. *6)

No sound is heard

- Check that the Volume slider is not set to the far left position. (p. 13)
- Check that the Playback Balance knob is not set to the far right position. (p. 37)
- Check that headphones are not connected to the piano. (p. 7)

No sound is heard (when an external MIDI device is connected)

- Check that all the relevant devices are switched on. (p. 51)
- Check that the Computer switch on the rear of the piano is set to MIDI. (p. 51)
- Check that Local Off is not selected. (p. 52)

Demo songs cannot be played

- Check that the Playback Balance knob is not set to the far left position. (p. 37)
- Check that the indicator of a Track button is lit. No sound is heard from a Track whose indicator is dark. Press the Track button to light it up. (p. 37)
- During recording or playback, any other Demo Song cannot be heard. Stop recording or playback. (p. 23, 28)
- Check that the floppy disk is not inserted in the disk drive. (P.39)
If a floppy disk is inserted, the internal Demo Songs cannot be played back. Remove the floppy disk.

Two Tones are played when keyboard is pressed

- Check that the piano is not set to the Dual Play mode. (p. 15)
- If a sequencer is connected, check that Soft THRU on the sequencer is turned off. (p. 52)

Not all sounds are played.....

- The maximum number of voices of the HP-550G is 64. If you play along with a Demo Song and frequently use the Damper Pedal, and the performance data exceeds the maximum voices, some sounds may be left out.

The pitch of the keyboard or Demo Songs sounds incorrect

- Check that the Key Transpose or Key Shift button is not lit. (p. 18, 40) Press the button to cause the indicator to go out.
- Check that the Tuning Method and Stretch Tuning is set correctly. (p. 45-47)
- Check that the Master Tuning is set correctly (p. 44)

Pedal is not functioning properly; it does not have any effect, or it stays on.

- Check that the Pedal is securely and correctly connected. (p. 11)
- Make sure that the pedal cord from the stand is connected securely to the Pedal jack on the rear of the piano.

Recorded data is erased

- Switching off the piano will automatically erase any existing performance data. To retain it, save it onto a floppy disk. (p. 42, 43)
- Have you pressed the Rec button after the display shows "ErS" ? (p.26, 27)
No data can be restored once it is erased.

SPECIFICATIONS

HP-550G: Digital Piano (with Sequencer)

Keyboard

88Keys (Hammer Action Mechanism)

Sound Source

Compatible with General MIDI Sysytem Level 1
Compatible with GS Format

Maximum Polyphony:	64 Voices
Number of Parts:	16 (accompaniment) + 2 (keyboard)
Number of Tones:	Panel Selection: 8 presets and 92 variations + 1 drum set and 1 SFX set Selection by MIDI: 226 + 8 drum sets + 1 SFX set
Effects:	Chorus on/off 7 Types Reverb on/off 7 Types Resonance on/off 7 Level settings

Sequencer (Piano Partner)

Tracks:	5 (rhythm, 1, 2, 3, 4)
Metronome:	on/off
Metronome Volume:	7 level settings
Resolution:	120 ticks per quarter note
tempo:	Quarter note=20-250
Time Signature:	0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8
Capacity:	Internal 1song, approx. 30000notes Disk (3.5inch) 99 songs, approx. 120,000 notes (2DD) /240,000 notes (2HD)
Others:	All Song Play, Reset, Stop, Play (playback), Rec (record), Backward (reward), Forward (fast forward), Track Selection, Track Erase, Start playing with count-in, Set marking, Clear marking, Save, SMF Save, Format

Features

	Tone Select (Dual play, Split play is possible)
Keyboard Transposition:	on/off, -6 to +5 half-steps
Key Touch Settings:	3levels Right / Medium / Heavy
Tuning:	Equal Temperament, Pythagorean, Just (Major), Just (Minor), Mean Tone, Werckmeister, Kirnberger
Key Shift:	-6 to +5 half-steps
Dual Balance:	9 settings
Controllers:	Total volume,Brilliance,Playback balance volume,MIC volume,MIC echo volume
Master Tuning (center A) :	415.4-466.1 Hz
Stretched Tuning:	2 Types
Pedal Mode:	Damper (Supprot Half Pedaling) Soft (support Half Pedaling) tone level balance Sostenuto (song play/stop or tone exchange)
MIDI transmit channel:	1-16
Local Switch:	on/off
MIDI mode:	1, 2
Transmit Program Change:	1-128
Part Mute:	off, 1-16

Others

Display:	7 segment LED x 3, Mode LED x 6
Connectors:	Headphone Jack (Stereo) x 2,Output Jacks (L/mono, R), Input Jacks(L/mono, R), MIDI connectors (IN, OUT), Pedal Connector, Computer Connector, MIC Jack (Stereo)
Computer Selector SW:	MIDI, computer (Mac, PC1, PC2)
Playback System:	Speakers: 20 cm x 2, 5 cm x 2
Rated Power Output:	30 W x 2
Cabinet finish:	Simulated Rosewood
Power Consumption:	97 W (AC 117V), 73 W (AC 230 V), 75 W (AC 240 V),
Dimensions (including the stand) :	1437 (W) x 525 (D) x 890 (H) (mm) 56-9/16 (W) x 20-11/16 (D) x 35 (H) (inches)
Weight (including the stand) :	63.3 kg / 139 lbs 9 oz
Accessories:	Owner's Manual Power Cord

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

Demo Song List

No.	Composer	Song Title
1.	Ludwig van Beethoven	Bagatelle "Für Elise" WoO.59
2.	Wolfgang Amadeus Mozart	Konzert für Klavier und Orchester No.23 K.488 1st movt.
3.	Wolfgang Amadeus Mozart	Sonate für Klavier No.15 K.545 1st movt.
4.	Claude Achille Debussy	Children's Corner-Doctor Gradus ad Parnassum
5.	J.S Bach arr. By John Maul	Bach's a Boppin' Song from the "Das wohltemperierte Klavier II - Präludium 2" (By Bach) Introduction by harpsichord and jazz trio arrangement
6.	Edward Elgar	Salut d'amour, op.12
7.	Frédéric Chopin	Valse No.6 "Petit chien"
8.	Felix Mendelssohn	Frühlingslied, op.62, No.6
9.	Wolfgang Amadeus Mozart	"Turkischer Marsch" KV.331
10.	Gabriel-Urbain Fauré	3 Romances sans paroles, op.7, No.3
11.	Modest Petrovich Musorgsky	Tableaux d'une exposition-Promenade
12.	Edvard Hagerup Grieg	Arietta, op.12, No.1
13.	Frédéric Chopin	Etude op.10-5 "Black keys"
14.	Edvard Hagerup Grieg	Piano Konsert op.16 1st movt.
15.	Carl Czerny	Wiener Marsch
16.	Gabriel-Urbain Fauré	Dolly op.56-Berceuse
17.	J.F.Franz Brugnüller	25 Etüden op.100 No.25 "La chevaleresque"
18.	Muzio Clementi	Sonatina op.36 No.1 in C-Major, 1st movt.
19.	Albert Ellmenreich	Spinnerlied op.14-4
20.	François Joseph Gossec	Gavotte
21.	Robert Schumann	Album für die Jugend op.68 No.10 "Fröhlicher Landmann"
22.	Claude Achille Debussy	Children's Corner-Jimbo's lullaby
23.	Claude Achille Debussy	Children's Corner-Serenade for the doll
24.	Claude Achille Debussy	Children's Corner-The snow is dancing
25.	Claude Achille Debussy	Children's Corner-The little shepherd
26.	Claude Achille Debussy	Children's Corner-Golliwog's cakewalk
27.	J.S.Bach arr. By John Maul	Lay Back Ludwig Song from the "Symphonie Nr.7-Der 2.Satz" (By Beethoven) Soundtrack arrangement
28.	J.S.Bach arr. By John Maul	Kismet's Salsa Song from the "Prince Igor-Polovesian Dance" (By Borodin) Salsa arrangement by the latin big band
29.	J.S.Bach arr. By John Maul	Hungarian Rag Song from the "Ungarische Tänze Nr.5" (By Brahms) Ragtime arrangement for solo piano
30.	J.S.Bach arr. By John Maul	A Prelude to..... Song from the "24 Préludes No.4" (By Chopin) Jazz trio arrangement

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- These Demo Songs cannot be saved in SMF.
- No data for the music that is played will be output from MIDI OUT.

Rhythm Track	Track 1	Track 2	Track 3	Track 4	Comment
			Piano Left Hand	Piano Right Hand	
		Orchestra	Piano Left Hand	Piano Right Hand	
		Accompaniment	Piano Left Hand	Piano Right Hand	
		Accompaniment	Piano Left Hand	Piano Right Hand	
Drum Part		Accompaniment	Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
		Orchestra	Piano Left Hand	Piano Right Hand	
			Secondo	Primo	Four-hand playing
			Secondo	Primo	Four-hand playing
Drum Part		Accompaniment	Piano Left Hand	Piano Right Hand	
		Accompaniment	Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
		Accompaniment	Piano Left Hand	Piano Right Hand	
		Accompaniment	Piano Left Hand	Piano Right Hand	
Drum Part		Accompaniment	Piano Left Hand	Piano Right Hand	
		Accompaniment	Piano Left Hand	Piano Right Hand	
Drum Part		Accompaniment	Piano Left Hand	Piano Right Hand	
Drum Part		Accompaniment	Piano Left Hand	Piano Right Hand	
			Piano Left Hand	Piano Right Hand	
Drum Part		Accompaniment	Piano Left Hand	Piano Right Hand	

John Maul Copyright © 1996, Roland UK
 John Maul is a musician, composer and arranger having graduated from the Royal Academy of Music in London. John's work encompasses studio recordings and live performances, including work with top cabaret artists in the U.K. His writing credits include commercial music for radio and television, as well as scoring jazz and classical works.
 Having been a product specialist for Roland U.K., John is now actively involved in music software composing/programming for both Roland Japan and various music publishers. Quite recently his "Musical Picture Book", a volume of original piano music encompassing all standards of musical ability, which included the piano and orchestral accompaniment data in SMF

Tone List

Tone Group: Piano 1

Stereo piano and its variations. Maximum 32-notes Poliphony.

No.	Tone Name
1	Concert Grand Piano
2	Bright Piano
3	Honky-Tonk Piano
4	Chorus Piano
5	Metallic Piano

Tone Group: Piano 2

Piano with 62-notes poliphony and its variations.

No.	Tone Name
1	Mellow Piano
2	Rock Piano
3	Pop Piano

Tone Group: Harpsicord

Strings Instruments such as harpsichord and guitar.

No.	Tone Name
1	Harpsichord1
2	Harpsichord2
3	Harpsichord3
4	Clav.
5	Nylon-str Guitar
6	Steel-str Guitar
7	Jazz Guitar
8	Clean Guitar
9	Muted Guitar
10	Overdrive Guitar
11	Distortion Guitar
12	Sitar
13	Banjo
14	Shamisen
15	Koto

Tone Group: Vibraphone

Percussions and Chromatic Percussions such as Vibraphone.

No.	Tone Name
1	Vibraphone
2	Celesta
3	Marimba
4	Glockenspiel
5	Tubular-bel
6	Santur
7	Tinkle Bell
8	Steel Drum
9	Drum set
10	SFX set

Tone Group: Electric Piano 1

Rhodes electric pianos and basses.

No.	Tone Name
1	Rhodes E. Piano
2	Mellow E. Piano
3	Chorus E. Piano
4	60's E. Piano
5	Acoustic Bass
6	Fingered Bass
7	Picked Bass
8	Fretless Bass
9	Slap Bass1
10	Slap Bass2
11	Synth Bass

Tone Group: Electric Piano 2

Synthesized piano tones.

No.	Tone Name
1	Syn.Piano
2	Hard Syn.Piano
3	Chorus Syn.Piano

Tone Group: Pipe Organ

Lasting tones such as organ and synthesizer tones.

No.	Tone Name
1	Pipe Organ1
2	Pipe Organ2
3	E. Organ1
4	E. Organ2
5	E. Organ3
6	Reed Organ
7	Accordion
8	Harmonica
9	Square Wave
10	Saw Wave
11	Syn.Calliope
12	Fantasia
13	Warm Pad
14	Polysynth
15	Space Voice
16	Bowed Glass
17	Metal Pad
18	Sweep Pad
19	Soundtrack
20	Crystal
21	Atmosphere
22	Brightness

Tone Group: Others

Orchestral Instruments.

No.	Tone Name
1	Strings Section
2	Slow Strings
3	Syn.Strings
4	Choir Aah
5	Voice Oohs
6	SynVox
7	Violin
8	Viola
9	Cello
10	Contrabass
11	Pizzicato Strings
12	Harp
13	Trumpet
14	Trombone
15	Tuba
16	Muted Trumpet
17	French Horn
18	Brass Section
19	Synth Brass
20	Soprano Sax
21	Alto Sax
22	Tenor Sax
23	Baritone Sax
24	Oboe
25	English Horn
26	Bassoon
27	Clarinet
28	Piccolo
29	Flute
30	Pan Flute
31	Shakuhachi
32	Ocarina
33	Whistle

Drum / SFX Set List

	Drum Set	SFX Set
C2	35 Kick Drum 2	
	36 Kick Drum 1	
	37 Side Stick	
	38 Snare Drum 1	
	39 Hand Clap	
	40 Snare Drum 2	
	41 Low Tom 2	
	42 Closed Hi-Hat [EXC1]	
	43 Low Tom 1	
	44 Pedal Hi-Hat [EXC1]	
C3	45 Mid Tom 2	
	46 Open Hi-Hat [EXC1]	
	47 Mid Tom 1	
	48 High Tom 2	
	49 Crash Cymbal 1	
	50 High Tom 1	
	51 Ride Cymbal 1	
	52 Chinese Cymbal	Laughing
	Ride Bell	Screaming
	53 54 Tambourine	Punch
C4	55 Splash Cymbal	Heart Beat
	56 Cowbell	Footsteps 1
	57 Crash Cymbal 2	Footsteps 2
	58 Vibra-slap	Applause
	59 Ride Cymbal 2	Door Creaking
	60 High Bongo	Door
	61 Low Bongo	Scratch
	62 Mute High Conga	Windchime
	63 Open High Conga	Car-Engine
	64 Low Conga	Car-Stop
C5	65 High Timbale	Car-pass
	66 Low Timbale	Car-Crash
	67 High Agogo	Siren
	68 Low Agogo	Train
	69 Cabasa	Jetplane
	70 Maracas	Helicopter
	71 Short Hi Whistle [EXC2]	Starship
	72 Long Low Whistle [EXC2]	Gun Shot
	73 Short Guiro [EXC3]	Machine Gun
	74 Long Guiro [EXC3]	Lasergun
C6	75 Claves	Explosion
	76 High Wood Block	Dog
	Low Wood Block	Horse-gallop
	77 78 Mute Cuica [EXC4]	Birds
	79 Open Cuica [EXC4]	Rain
	80 Mute Triangle [EXC5]	Thunder
	81 Open Triangle [EXC5]	Wind
	82 Shaker	Seashore
	83 Jingle Bell	Stream
	84 Belltree	Bubble
C6	85 Castanets	
	86 Mute Surdo [EXC6]	
	87 Open Surdo [EXC6]	

[EXC] : Percussion sound of the same number will not be heard at the same time.



This product complies with the requirements of European Directive 89/336/EEC.

For Europe

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- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.
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As of December, 18, 1995

Corrections

Please correct the "Drum/SFX Set List" on page 66 as follows.

		Tone Group: Vibraphone No. 9 Drum Set	Tone Group: Vibraphone No. 10 SFX Set
	27	High Q	
	28	Slap	
	29	Scratch Push [EXC7]	
	30	Scratch Pull [EXC7]	
	31	Sticks	
	32	Square Click	
	33	Metronome Click	
	34	Metronome Bell	
	35	Kick Drum 2	
	36	Kick Drum 1	
C2	37	Side Stick	
	38	Snare Drum 1	
	39	Hand Clap	High Q
	40	Snare Drum 2	Slap
	41	Low Tom 2	Scratch Push [EXC7]
	42	Closed Hi-Hat [EXC1]	Scratch Pull [EXC7]
	43	Low Tom 1	Sticks
	44	Pedal Hi-Hat [EXC1]	Square Click
	45	Mid Tom 2	Metronome Click
	46	Open Hi-Hat [EXC1]	Metronome Bell
	47	Mid Tom 1	Guitar sliding finger
C3	48	High Tom 2	Guitar cutting noise (down)
	49	Crash Cymbal 1	Guitar cutting noise (up)
	50	High Tom 1	String slap
	51	Ride Cymbal 1	Fl. Key Click
	52	Chinese Cymbal	Laughing
	53	Ride Bell	Screaming
	54	Tambourine	Punch
	55	Splash Cymbal	Heart Beat
	56	Cowbell	Footsteps 1
	57	Crash Cymbal 2	Footsteps 2
	58	Vibra-slap	Applause
	59	Ride Cymbal 2	Door Creaking
C4	60	High Bongo	Door
	61	Low Bongo	Scratch
	62	Mute High Conga	Windchime
	63	Open High Conga	Car-Engine
	64	Low Conga	Car-Stop
	65	High Timbale	Car-pass
	66	Low Timbale	Car-Crash
	67	High Agogo	Siren
	68	Low Agogo	Train
	69	Cabasa	Jetplane
	70	Maracas	Helicopter
	71	Short Hi Whistle [EXC2]	Starship
	72	Long Low Whistle [EXC2]	Gun Shot
C5	73	Short Guiro [EXC3]	Machine Gun
	74	Long Guiro [EXC3]	Lasergun
	75	Claves	Explosion
	76	High Wood Block	Dog
	77	Low Wood Block	Horse-gallop
	78	Mute Cuica [EXC4]	Birds
	79	Open Cuica [EXC4]	Rain
	80	Mute Triangle [EXC5]	Thunder
	81	Open Triangle [EXC5]	Wind
	82	Shaker	Seashore
	83	Jingle Bell	Stream
C6	84	Belltree	Bubble
	85	Castanets	
	86	Mute Surdo [EXC6]	
	87	Open Surdo [EXC6]	

[EXC] : Percussion sound of the same number will not be heard at the same time.
Blank : No sound.

正誤表

取扱説明書の一部に誤りがありましたので、お詫びするとともに訂正させていただきます。

■ P.43 録音した演奏データをSMFで保存するには..... (誤)

4. Saveボタンを押すと、セーブが開始されます。

一度使った番号を選んでセーブしようすると、ディスプレイに「Sur」という確認のメッセージが表示されます。もう一度Saveボタンを押すとセーブが開始されます。

(正)

4. Rhythmボタンを押すと、セーブが開始されます。

一度使った番号を選んでセーブしようすると、ディスプレイに「Sur」という確認のメッセージが表示されます。もう一度Rhythmボタンを押すとセーブが開始されます。

■ P.53 送信モードの選択..... (誤)

送信モード	1	2
MIDI情報	送信	送信
ノート情報	○	○
プログラム・チェンジ情報	*1	○
コントロール・チェンジ情報		
バンク・セレクト MSB (0)	×	○
バンク・セレクト LSB (32)	×	○
ボリューム (7)	×	×
ダンパー (64)	○	○
ソステヌート (66)	○	○
ソフト (67)	○	○
エクスプレッション (11)	○	○
コーラス オン/オフ (93)	×	○
リバーブ オン/オフ (91)	×	○

(正)

送信モード	1	2
MIDI情報	送信	送信
ノート情報	○	○
プログラム・チェンジ情報	*1	○
コントロール・チェンジ情報		
バンク・セレクト MSB (0)	×	○
バンク・セレクト LSB (32)	×	○

CORRECTIONS

We apologize for the following errors in the owner's manual. Please make the appropriate corrections.

■ P.43 Saving the Recorded Performance Data as an SMF (error)

4. Press the Save button to start saving.

If you try to save the number you have previously used, the display will respond with the message "Sur". Saving will not start unless you press the Save Button again.

(correct)

4. Press the Rhythm button to start saving.

If you try to save the number you have previously used, the display will respond with the message "Sur". Saving will not start unless you press the Rhythm Button again.

■ P.53 Setting the Transmit Mode..... (error)

Mode	1	2
MIDI Messages	Transmit	Transmit
Note Message	○	○
Program Change Message	*1	○
Control Change Message		
Bank Select MSB (0)	×	○
Bank Select LSB (32)	×	○
Volume (7)	×	×
Damper (64)	○	○
Sostenuto (66)	○	○
Soft (67)	○	○
Expression (11)	○	○
Chorus On/Off (93)	×	○
Reverb On/Off (91)	×	○

(correct)

Mode	1	2
MIDI Messages	Transmit	Transmit
Note Message	○	○
Program Change Message	*1	○
Control Change Message		
Bank Select MSB (0)	×	○
Bank Select LSB (32)	×	○

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