



**V·Piano**  

---

**GRAND**

Owner's Manual

Roland

Thank you, and congratulations on your choice of the V-Piano Grand.

The acoustic piano projects a commanding presence at any concert,  
as befitting its title “the king of instruments.”

While maintaining the traditional qualities of the acoustic piano,  
the V-Piano Grand gives every performer an even more attractive way to enjoy piano.



## The joy of playing your very own piano

The V-Piano Grand lets you create your own personalized piano by freely adjusting qualities such as the tuning and the hardness of the hammers.

This means that you can adjust the sound of the piano suitably for the song or for your own playing style, and even change the sound while you play.



## Futuristic piano sounds

In addition to the sound of a standard piano (Vintage Piano), you can enjoy a variety of futuristic piano sounds (Vanguard Piano) such as a piano with all strings completely wound with silver wire—something that is impossible for an acoustic piano, due to its physical limitations.

Classical compositions will reveal new modes of enjoyment when played on a Vanguard Piano.

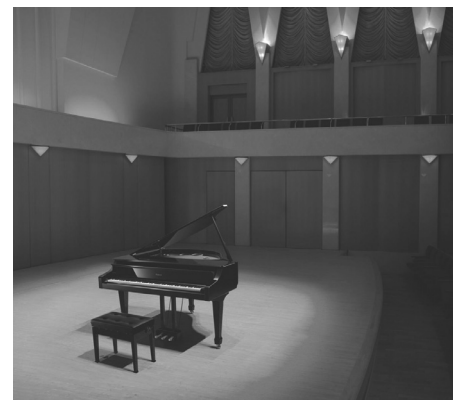


## Hear your own performance from the audience seating

The V-Piano Grand can record your performance and then play it back just like you played it.



This means that after playing a performance on stage, you can then hear it again from the listener's position.

This allows you to hear not only the content of the performance but also the playback environment—another unique advantage of the V-Piano Grand that benefits you even during rehearsals.



**Before using this unit, carefully read the sections entitled: "IMPORTANT SAFETY INSTRUCTIONS," "USING THE UNIT SAFELY" (p. 5), and "IMPORTANT NOTES" (p. 7). 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, Owner's manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.**

**WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>ATTENTION:</b> RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR		
<b>CAUTION:</b> 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 these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

For the U.K.

**WARNING:** THIS APPARATUS MUST BE EARTHED

**IMPORTANT:** THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.  
 GREEN-AND-YELLOW: EARTH, 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 GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured GREEN or GREEN-AND-YELLOW.

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.




# USING THE UNIT SAFELY

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

### About ⚠ WARNING and ⚠ CAUTION Notices

<b>⚠ WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
<b>⚠ CAUTION</b>	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

Connect mains plug of this model to a mains socket outlet with a protective earthing connection.



Do not open or perform any internal modifications on the unit.



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



Never install the unit in any of the following locations.

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



When installing the piano, be sure to fasten the caster using the supplied caster cup.



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



The unit should be connected to a power supply only of the type described as marked on the bottom of unit.



### ⚠ WARNING

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



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



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



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



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



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

**⚠ WARNING**

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 retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.



DO NOT play a CD-ROM disc on a conventional audio CD player. The resulting sound may be of a level that could cause permanent hearing loss. Damage to speakers or other system components may result.



**⚠ CAUTION**

The unit should be located so that its location or position does not interfere with its proper ventilation.



Always grasp only the plug on the power-supply cord when plugging into, or unplugging from, an outlet or this unit.



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



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.



**⚠ CAUTION**

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



Since this product is very heavy, you must make sure that a sufficient number of people are on hand to help, so you can lift and move it safely, without causing strain. Make sure to have a firm grip, to protect yourself from injury and the instrument from damage. If you need to move the instrument, take note of the precautions listed below.



- Check to make sure the bolts securing the unit to the stand have not become loose. Fasten them again securely whenever you notice any loosening.
- Disconnect the power cord.
- Disconnect all cords coming from external devices.
- Close the top.
- 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. 18).



Whenever you suspect the possibility of lightning in your area, pull the plug on the power cord out of the outlet.



Be careful so you don't get your fingers pinched when you handle any moving parts such as the following. Adult supervision is recommended whenever small children use the unit.



- Top (p. 15)
- Lid (p. 17)
- Music Rest (p. 17)
- Top Stick (p. 16)

Should you remove the following small parts, keep them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.



- Screws
- Cord clamps
- A wing nut used for securing headphone hook

# IMPORTANT NOTES

## Power Supply

Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter (such as a refrigerator, washing machine, microwave oven, or air conditioner), or that contains a motor. Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.

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.

Although the LCD and LEDs are switched off when the POWER switch is switched off, this does not mean that the unit has been completely disconnected from the source of power. If you need to turn off the power completely, first turn off the POWER switch, then unplug the power cord from the power outlet. For this reason, the outlet into which you choose to connect the power cord's plug should be one that is within easy reach and readily accessible.

## Placement

Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.

This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.

Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.

Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.

When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.

Do not allow rubber, vinyl, or similar materials to remain on this unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.

Do not allow objects to remain on top of the keyboard. This can be the cause of malfunction, such as keys ceasing to produce sound.

Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.

Do not put anything that contains water (e.g., flower vases) on this unit. Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth.

## Maintenance

Since your piano has a polished finish that is as delicate as that found on finely crafted wooden furniture, it needs careful, periodic care. A few important suggestions concerning the proper care of the unit follow.

- For dusting, using a soft, clean cloth and/or piano-use feather duster. Be sure to wipe gently. Even the tiniest grains of sand or grit can leave scratches on the surface if too much force is applied while wiping. Do not use any cleaners or detergents, since they might deteriorate the surface of the cabinet, and produce cracks.
- If the cabinet's surface loses its luster, wipe it thoroughly with a soft cloth dampened with a little of the polishing liquid. Do not use any cleaners or detergents, since they might deteriorate the surface of the cabinet, and produce cracks. Do not use dusting cloths that contain chemicals.

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

The pedals of this unit are made of brass.

Brass eventually darkens as the result of the natural oxidation process. If the brass becomes tarnished, polish it using commercially available metal polisher.

## Repairs and Data

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

## Additional Precautions

Please be aware that the contents of memory can be irretrievably lost as a result of a malfunction, or the improper operation of the unit. To protect yourself against the risk of losing important data, we recommend that you periodically save a backup copy of important data you have stored in the unit's memory on a USB memory.

Unfortunately, it may be impossible to restore the contents of data that was stored in the unit's memory or USB memories 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.

A small amount of noise may be heard from the display during normal operation.

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.

The sound of keys being struck and vibrations produced by playing an instrument can be transmitted through a floor or wall to an unexpected extent. In particular, when using headphones, please take care not to cause annoyance to others nearby.

When you need to transport the unit, pack it in shock-absorbent material. Transporting the unit without doing so can cause it to become scratched or damaged, and could lead to malfunction.

Do not apply undue force to the music stand while it is in use.

Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.

Before opening or closing the keyboard lid, always make sure that no pets or other small animals are located on top of the instrument (in particular, they should be kept away from the keyboard and its lid). Otherwise, due to the structural design of this instrument, small pets or other animals could end up getting trapped inside it. If such a situation is encountered, you must immediately switch off the power and disconnect the power cord from the outlet. You should then consult with the retailer from whom the instrument was purchased, or contact the nearest Roland Service Center.

## Using External Memories

Carefully insert the USB memories all the way in—until it is firmly in place.

Never touch the terminals of the USB memories. Also, avoid getting the terminals dirty.



USB memories are constructed using precision components; handle the cards carefully, paying particular note to the following.

- To prevent damage to the cards from static electricity, be sure to discharge any static electricity from your own body before handling the cards.
- Do not touch or allow metal to come into contact with the contact portion of the cards.
- Do not bend, drop, or subject cards to strong shock or vibration.
- Do not keep cards in direct sunlight, in closed vehicles, or other such locations.
- Do not allow cards to become wet.
- Do not disassemble or modify the cards.

## Handling CDs

Avoid touching or scratching the shiny underside (encoded surface) of the disc. Damaged or dirty CD discs may not be read properly. Keep your discs clean using a commercially available CD cleaner.

## Copyright

Recording, duplication, distribution, sale, lease, performance, or broadcast of copyrighted material (musical works, visual works, broadcasts, live performances, etc.) belonging to a third party in part or in whole without the permission of the copyright owner is forbidden by law.

Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.

The copyright of content in this product (the sound waveform data, style data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation and/or Atelier Vision Corporation.

Purchasers of this product are permitted to utilize said content for the creating, performing, recording and distributing original musical works.

Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.

MMP (Moore Microprocessor Portfolio) refers to a patent portfolio concerned with microprocessor architecture, which was developed by Technology Properties Limited (TPL). Roland has licensed this technology from the TPL Group.

MPEG Layer-3 audio compression technology is licensed from Fraunhofer IIS Corporation and THOMSON Multimedia Corporation.

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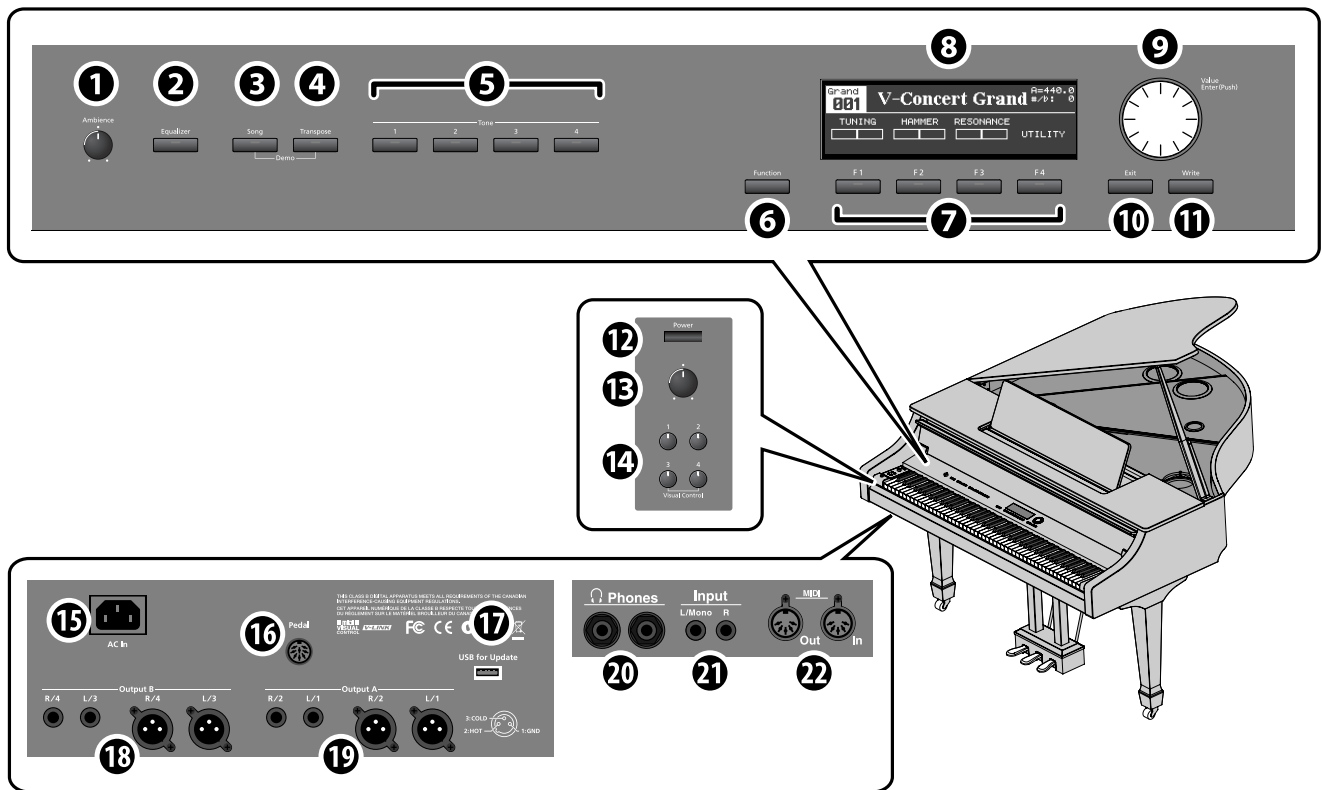
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\* Parts such as “hammers,” “strings,” and “sounding board” referred to in this owner’s manual are virtual components simulated by digital technology. The V-Piano Grand does not physically contain these parts.

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

# Panel Descriptions



## Front Panel

### 1. [Ambience] knob

Adjusts the amount of ambience effect, which adds acoustic resonance to the sound (p. 32).

### 2. [Equalizer] button

Turns the equalizer on/off (p. 33).  
The [Equalizer] button will light when the equalizer is on.

### 3. [Song] button

Displays the song screen (p. 52).  
Here you can play back or record songs.

### 4. [Transpose] button

Transposes the pitch (p. 35).  
The [Transpose] button will light when transpose is turned on.  
By pressing this button simultaneously with the [Song] button, you can play demo songs (p. 28).

### 5. Tone buttons: [Tone 1]–[Tone 4]

Use these buttons to select tones.

#### MEMO

Alternatively, you can change the System settings so that these buttons will select setups (p. 50).

### 6. [Function] button

This switches the function of function buttons [F1]–[F4].  
The [Function] button will light when the function is on.

### 7. [F1]–[F4] buttons

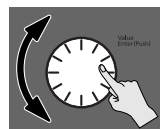
When editing, you'll use these buttons to execute a variety of functions; their operation will differ depending on the screen.

### 8. Display

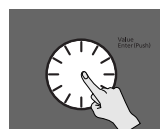
This shows information such as the tone name, setup name, or the item you're editing.

### 9. [Value] dial ([Enter] button)

Use this to modify values.



By pressing the [Value] dial, you can finalize a value or execute an operation ([Enter] button).



### 10. [Exit] button

Returns you to the previous screen or cancels the function that was being executed.

**11. [Write] button**

Saves a customized tone as a User tone (p. 42).

**12. [Power] switch**

Turns the power on/off (p. 18).

**13. [Volume] knob**

Adjusts the volume (p. 19).

**14. Tone buttons: [Tone 1]–[Tone 4]**

These buttons have the same function as 5.

You can use these buttons to select tones even when the keyboard lid is in the Classic Position (p. 17).

## Jack Panel 1 (Bottom Left Panel)

**15. AC In**

Connect the included power cord here (p. 18).

**16. Pedal connector**

Connect the pedal cord here.

**17. USB for Update connector**

This is used when updating the V-Piano Grand's internal operating program.

**NOTE**

Do not connect anything to this connector during normal use.

**18. Output B connectors: L/3, R/4**

These are sub-output jacks for audio signals. The signal to be output from these jacks can be selected from a menu (p. 59).

You can use these jacks in conjunction with the Output A jacks to output the V-Piano Grand's sound as four-channel output.

The phone jack and XLR connectors output the same signal.

**19. Output A connectors: L/1, R/2**

These are the main audio signal output jacks.

The phone jacks and XLR connectors output the same signal.

**20. Phones jack**

Connect headphones here (p. 22).

Even when headphones are connected, sound will still be output from the Output jack.

**21. Input jacks (RCA phono type) (L/Mono, R)**

You can connect an audio device or another electronic musical instrument to these jacks, and hear its sound through the V-Piano Grand's speakers (p. 73).

The input volume is adjusted using "GM2/WAV Volume" (p. 57).

**22. MIDI In, Out connectors**

Connect these to external MIDI devices to transmit or receive MIDI messages.

### About the XLR Output connector

This instrument is equipped with balanced (XLR) type jacks. Wiring diagrams for these jacks are shown below.

Make connections after first checking the wiring diagrams of other equipment you intend to connect.



### About the phone (1/4") Output connectors

If you connect a phone plug to only the L/1 (and L/3) phone jacks, they will output a mono signal that mixes-in the R/2 (and R/4) signals, allowing you to use these as mono outputs.

- \* The XLR connectors will output a stereo signal.
- \* The V-Piano Grand is designed to be used with stereo output. The sound quality and tonal character will be affected if you use monaural output.

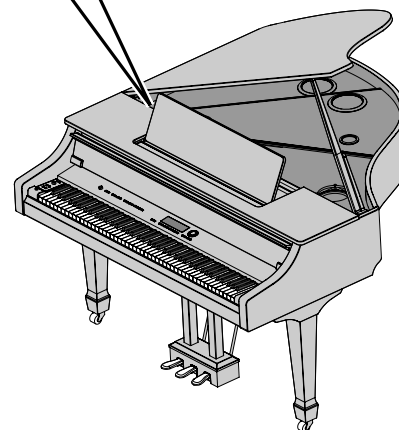
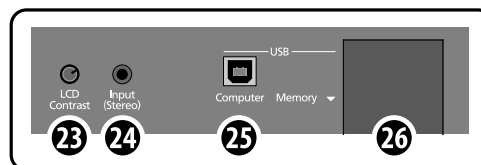
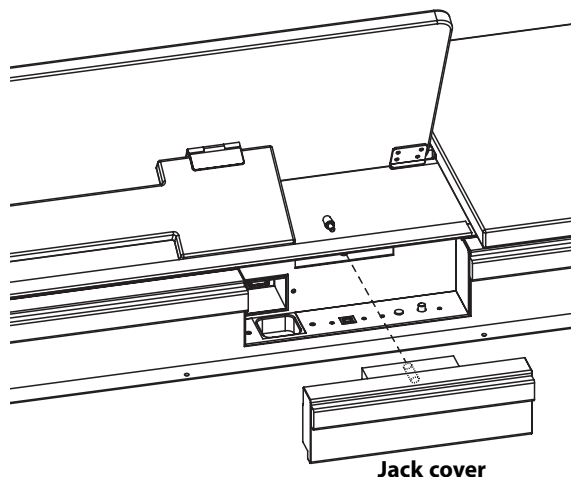
## Jack Panel 2 (Top of Instrument)

### Using jack panel 2

1. **Open the top (p. 15).**

2. **Remove the jack cover.**

Turn the screws on the front to remove them.



#### 23. [LCD Contrast] knob

Adjusts the contrast of the display (p. 22).

#### 24. Input (Stereo) connector

You can connect an audio device or another electronic musical instrument to this jack, and hear its sound through the V-Piano Grand's speakers (p. 73).

The input volume is adjusted using "GM2/WAV Volume" (p. 57).

#### 25. USB Computer connector

When you want to use the included editor, use a USB cable to connect this connector to your computer (p. 47).

#### 26. USB Memory connector

Connect separately sold USB memory or a CD drive here (p. 74).

#### Cable pass-through hole

The power cable of an externally connected device can be passed through this hole.

Use it as needed.

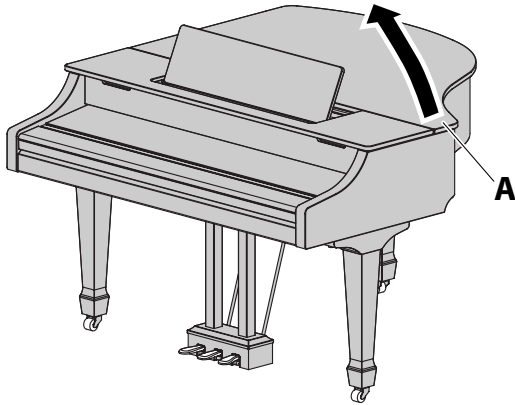
# Getting Ready

## Opening/Closing the Top

### **WARNING**

The top must be opened or closed by an adult.

1. Use both hands to firmly grasp the right side of the top (toward the high notes: position A in the illustration), and slowly raise it.



### **WARNING**

When opening the top, take care not to open it too far. An angle of about 30 degrees is appropriate. Opening the top significantly beyond this angle may damage the piano, or cause the top to fall. Before you open the top, make sure that no one is in the direction toward which the top opens.

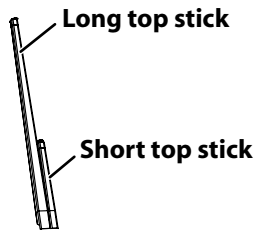
### **CAUTION**

Do not transport the piano with the top opened. Doing so may cause the top stick to come out of its socket, allowing the top to fall.

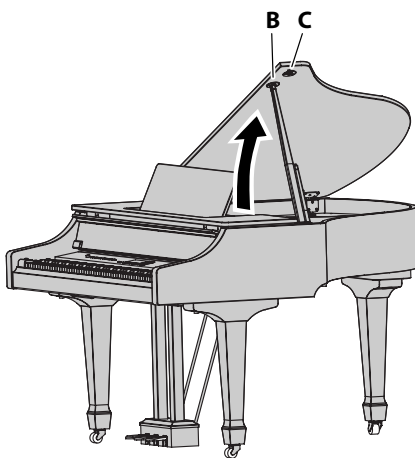
2. Using one hand to support the top, raise the top stick and fit it into its socket.

### About the top sticks and sockets

The V-Piano Grand has two top sticks of differing lengths.  
These top sticks allow you to vary the openness of the top.



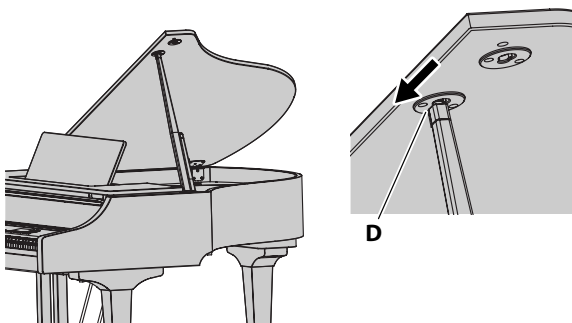
The top sticks fit in the sockets as follows.  
Long top stick: inner socket (location B)  
Short top stick: outer socket (location C)



3. Move the tip of the top stick to position D of the socket, locking it into place.

#### ⚠ CAUTION

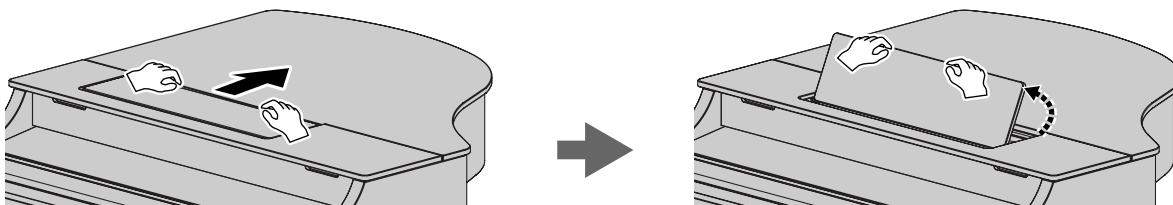
The top stick must be locked into the socket to prevent the top from falling.  
Do not release the top until the top stick is completely locked.



\* To close the top, reverse the procedure by which you opened it.

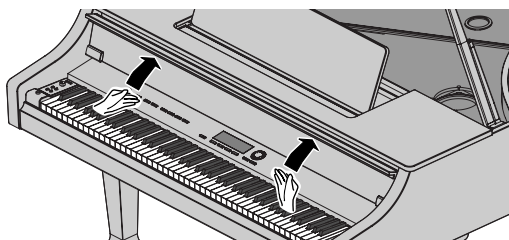
## Raising the Music Rest

1. Using both hands to grasp the upper part of the music rest, slide it in the direction of the arrow, raise it to the upright position, and then fasten it in place.



## Opening/Closing the Keyboard Lid

1. To open the keyboard lid, use both hands to lift it up.
2. Slide the keyboard lid toward the back.



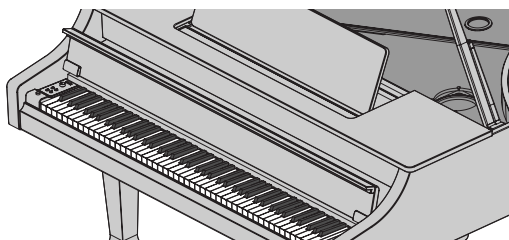
3. To close the keyboard lid, use both hands to pull it toward yourself, and then gently lower it.

### ⚠ CAUTION

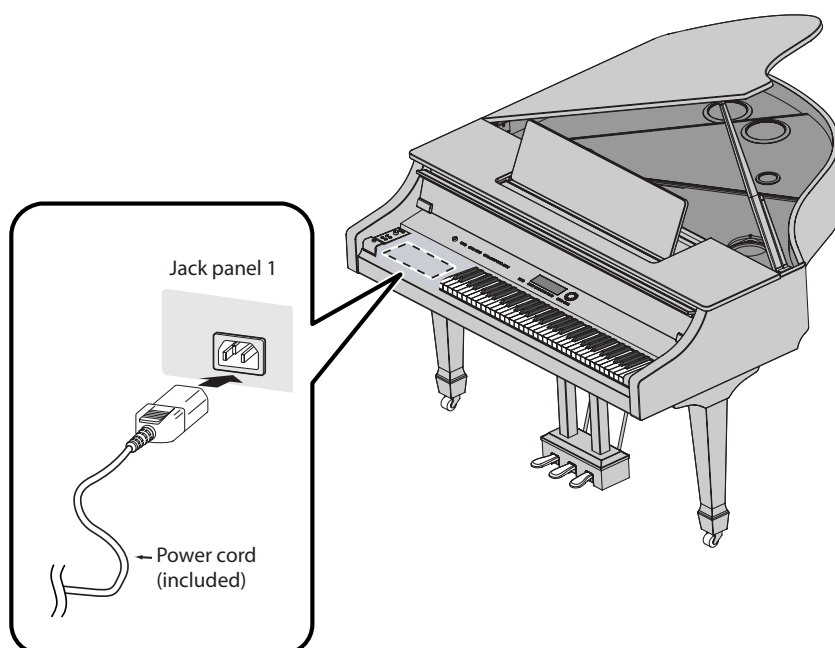
- If you grasp the front of the keyboard lid too deeply, you risk pinching your fingers. Be careful to grasp only the front edge when opening or closing the lid.
- Be careful not to pinch your fingers when opening or closing the lid. Adult supervision is recommended whenever small children use the unit.
- For safety, be sure to close the keyboard lid before moving the piano.
- Do not close the keyboard lid while sheet music or the like is placed on the keyboard.

### Making the keyboard lid hide the display and buttons (Classic Position)

You can make the keyboard lid hide the display and buttons. This allows you to concentrate on playing without being distracted by the display or buttons.



## Connecting the Power Cord



1. Connect the pedal cord to the Pedal connector of the jack panel located on the bottom left of the piano.
2. Connect the power cord to the AC in of the jack panel.
3. Connect the power cord to an electrical outlet.

## Turning the Power On/Off

**NOTE**

Once the connections have been completed (p. 18), 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.

**NOTE**

Before switching the power on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the power on/off. However, this is normal and does not indicate a malfunction.

### Turning the power on

.....

1. Turn the [Volume] knob all the way to the left.
2. Press the [Power] switch.

After a short while, sound will be heard when you play the keyboard. Use the [Volume] knob to adjust the volume.

**NOTE**

This unit is equipped with a protection circuit. A brief interval (a few seconds) after power up is required before the unit will operate normally.

## Turning the power off

1. Turn the [Volume] knob all the way to the left to minimize the volume.
2. Press the [Power] switch.

The display will go dark, and the power will turn off.

**NOTE**

If you need to turn off the power completely, first turn off the [POWER] switch, then unplug the power cord from the power outlet. Refer to "Power Supply" (p. 7).

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

With the factory settings, the V-Piano Grand's power will automatically be switched off four hours after you stop playing or operating the unit.

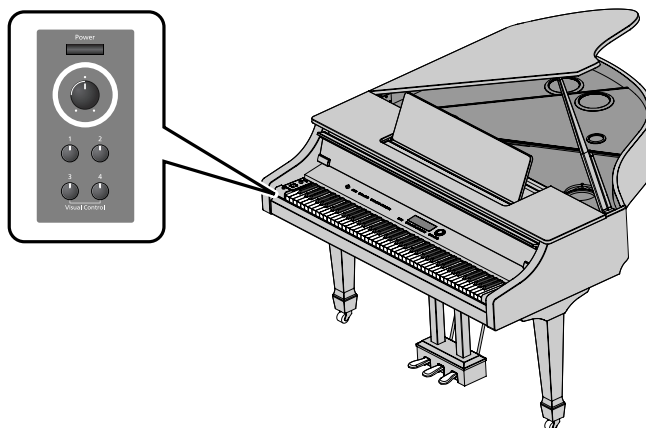
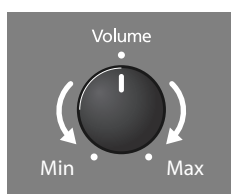
If you want to have the power remain on all the time, change the "Auto Power Off" setting to "OFF" as described on p. 59.

**NOTE**

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

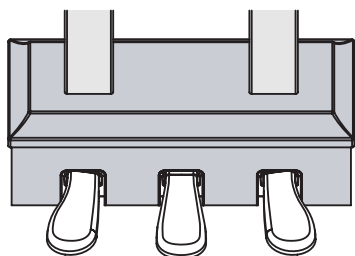
## Adjusting the Sound's Volume

1. Turn the [Volume] knob to adjust the overall volume.



## Using the Pedals

The pedals perform the following operations. You'll use them mainly when playing piano.



**Soft Pedal**

**Damper Pedal**

**Sostenuto Pedal**

### Damper Pedal (right pedal)

Use this pedal to sustain the sound.

While this pedal is held down, notes will be sustained for an extended time even if you release your fingers from the keyboard.

The length of sustain will change subtly depending on how deeply you press the pedal.

When you press the damper pedal of an acoustic piano, a slight noise is heard when the damper frees the strings, and a richly spacious resonance is added by the strings that vibrate in sympathy with the strings of the notes you actually play.

The V-Piano Grand replicates the sound created when the damper releases the string ("damper noise") and the sympathetic vibration ("damper resonance").

**MEMO**

You can modify the sound of the damper releasing the string and the sound of the sympathetic vibration (p. 41).

### Sostenuto Pedal (center pedal)

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

### Soft Pedal (left pedal)

This pedal is used to make the sound softer.

Playing with the soft pedal depressed produces a sound that is not as strong as when otherwise played with the equivalent strength.

This is the same function as the left pedal of an acoustic piano.

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

**MEMO**

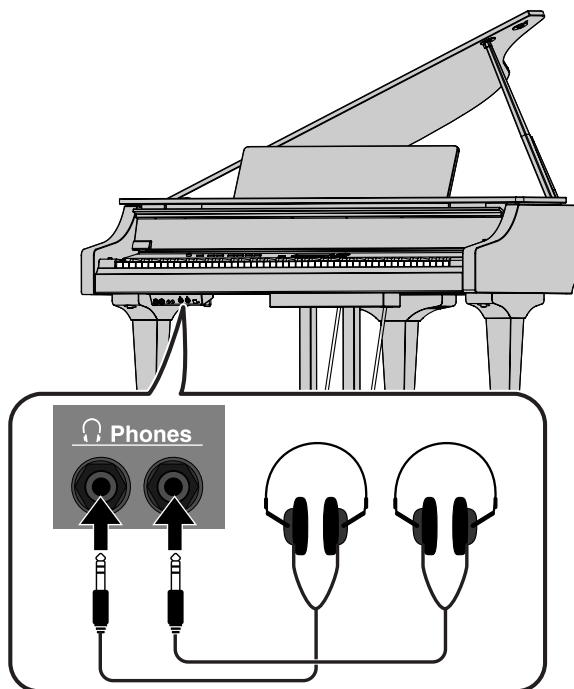
You can switch the function of the sostenuto pedal and soft pedal (p. 39).

## Connecting Headphones

This instrument has two Phones jacks.

Since two people can use headphones simultaneously, this is convenient for lessons or when playing duets.

It also allows you to play late at night without inconveniencing other people.



### 1. Connect your headphones to a Phones jack in the jack panel located on the bottom left of the piano.

If headphones are connected, no sound will be produced from the piano's speakers.

Use the front panel [Volume] knob to adjust the volume of the headphones.

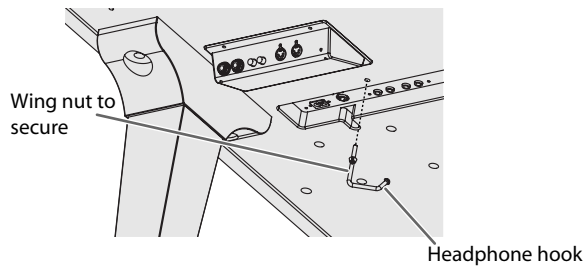
#### **NOTE**

- Use headphones that have a stereo 1/4" phone plug.
- When disconnecting cables from the headphone jacks, grasp the plug (not the cable itself); the cable may be damaged if you pull the cable itself.
- Your headphones may be damaged if the volume of a device is already turned up when you plug them in. Minimize the volume before you plug in the headphones.
- Excessive input will not only strain the headphones, but may also damage your hearing. Please enjoy music at an appropriate volume.

## Using the Headphone Hook

Whenever you are not using the headphones, you can hang them on the headphone hook of the V-Piano Grand.

1. Press and twist the headphone hook included with the V-Piano Grand into the hole in the bottom left of the V-Piano Grand (refer to the figure below).
2. Turn the headphone hook wing nut to secure the headphone hook.



**NOTE**

Do not hang anything other than headphones on the headphone hook. Doing so may damage the instrument or the hook.

## Adjusting the Brightness of the Display

1. To adjust the brightness of the display, turn the [LCD Contrast] knob (p. 14) located on jack panel 2.



# Introducing the V-Piano Grand

## The V-Piano Grand's Parameters

### Tones

When shipped from the factory, the V-Piano Grand contains 30 "preset tones." Of these, two tones that are particularly recommended are in the Grand group.

You can customize these preset tones in the V-Piano Grand's Tone screen (p. 25) or by using the included V-Piano Editor (p. 47).

A customized preset tone can be saved in the V-Piano Grand as a "user tone" (p. 42).

The V-Piano Grand can internally store 100 user tones.

You can select and play one of the 30 preset tones or 100 user tones (p. 29).

### Setups

You can store the V-Piano Grand's settings, and then switch between your favorite settings or choose settings that are appropriate for the song you're playing. Each such set of settings is called a "setup."

The V-Piano Grand lets you store 100 setups (p. 49).

You can recall and play one of these 100 setups (p. 48).

#### **MEMO**

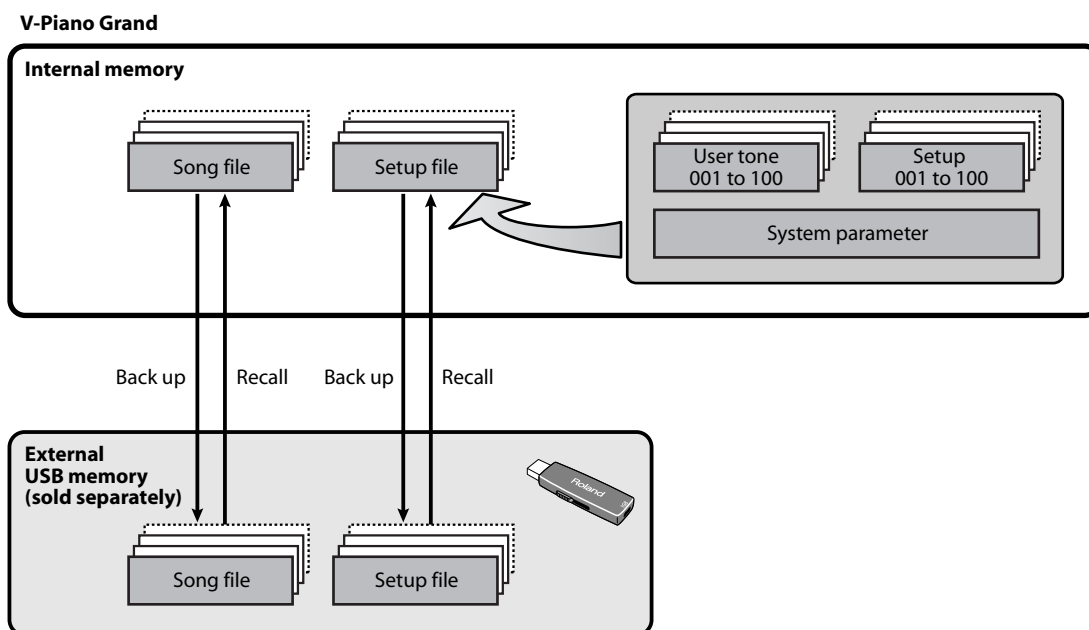
When you switch on the V-Piano Grand's power, setup number 001 will be selected automatically. If you save your favorite tone and settings in setup number 001, that sound and those settings will be available to play as soon as you switch on the V-Piano Grand.

### System parameters

Settings used by the entire V-Piano Grand are called "system parameters" (p. 58). The values of the system parameters do not change when you switch setups or tones.

If you don't want the pedal setting to change when you switch setups, you can save this setting as system parameters.

## Backing up and Initializing



### Backing up parameters

The 100 user tones, 100 setups, and system parameter settings can be backed up to the V-Piano Grand's internal memory or to USB memory (sold separately) as a "setup file" (p. 64).

Performance data recorded using the Song function of the V-Piano Grand can be stored in internal memory or on USB memory as a song file (p. 54).

You can also copy song files between internal memory and USB memory (p. 68).

### Initializing the memory

If you want the user tones, setups, and system parameter settings stored in the V-Piano Grand to be returned to their factory-set state, execute the factory reset operation (p. 72).

If you want the entire contents of internal memory to be completely erased and returned to the factory-set state, initialize the internal memory (p. 69).

\* Factory Reset does not erase the contents of internal memory.

Before new USB memory or USB memory that has been used by a computer or other device can be used with the V-Piano Grand, that USB memory must be initialized (p. 69).

### File operations

The setup files and song files saved in V-Piano Grand's internal memory or in USB memory can be copied in units of files (p. 64).

You can also delete specific files if desired (p. 64).

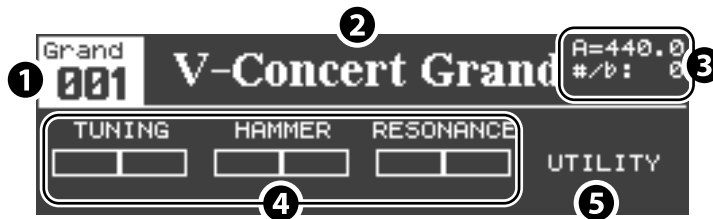
## How the V-Piano Grand's Screens Are Organized

### Tone Screen

The tone screen will appear when you switch on the V-Piano Grand's power.

The tone screen shows information about the currently selected tone.

In the tone screen you can select tones and access various customizations and functions.



#### 1. Tone number

You can use the [Value] dial to select Grand 001–002, Preset 001–Preset 030, and User 001–User 100 tones (p. 29).

#### 2. Tone name

#### 3. Various information

Various types of information can be shown in this area.



A. Master tuning (Master Tune (p. 58))

B. Transposition amount (p. 35)

#### MEMO

You can change this display by changing the utility screen's "1. System-Information Type" setting (p. 59). For details, refer to "Information shown in the tone screen" (p. 26).

#### 4. Editable tone parameters

You can adjust the settings of these parameters by pressing a [F1]–[F3] button and then turning the [Value] dial.

For details, refer to "Editing a Parameter's Value" (p. 42).

You are free to assign desired tone parameters to the [F1]–[F3] buttons (p. 43).

#### 5. Utility screen indication

With the factory settings, you can access the utility screen by pressing the [F4] button.

You are free to assign a desired tone parameter to the [F4] button (p. 43).

## Information shown in the tone screen

You can change this display by changing the utility screen's "1. System-Information Type" setting (p. 59).

### Show the ambience settings

If the "Information Type" setting (p. 59) is set to "AMBIENCE," the ambience settings will be shown.



- A. Ambience mode ("Ambience Mode" (p. 63) setting)  
 SYS: When Ambience Mode is set to "SYSTEM"  
 SUP: When Ambience Mode is set to "SETUP"
- B. Ambience type ("Ambience Type" (p. 63) setting)
- C. Amount of ambience ("Ambience Level" (p. 63) setting)

### Show the pedal assignments

If the "Information Type" setting (p. 59) is set to "PEDAL," the piano pedal assignments will be shown.



- A. Piano pedal mode ("Piano Pedal Mode" (p. 62) setting)  
 SYS: When Piano Pedal Mode is set to "SYSTEM"  
 SUP: When Piano Pedal Mode is set to "SETUP"
- B. Function controlled by the center pedal (p. 40) ("Center Pedal Assign" setting)
- C. Function controlled by the left pedal (p. 40) ("Left Pedal Assign" setting)

- \* The functions controlled by the pedal are shown as an abbreviation. For the correspondence between the abbreviation and the full name of the function, refer to "Functions That Can Be Assigned to a Pedal" (p. 39).
- \* Only the first function assigned to the pedal (ASSIGN 1) is displayed.

## The tone screen when a function is turned on

If you press the [Function] button in the tone screen to turn Function on, the content of the lower half of the screen will change.



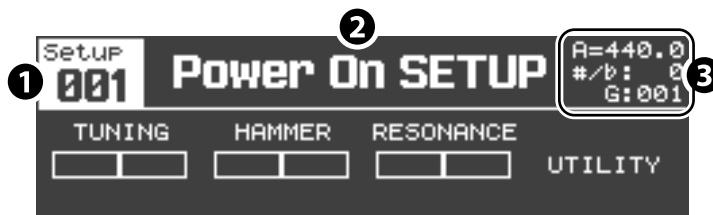
When Function is turned on, functions such as song play/stop or ambience type setting can be assigned to the [F1]–[F3] buttons. For details on how to make these assignments, refer to "Assigning Functions to the [F1]–[F3] Buttons" (p. 37).

#### MEMO

The [F4] button is assigned to access the utility screen. You cannot change this assignment.

## Setup select screen

From the tone screen, hold down the [Function] button and press the [F1] button to access a screen where you can choose a setup.

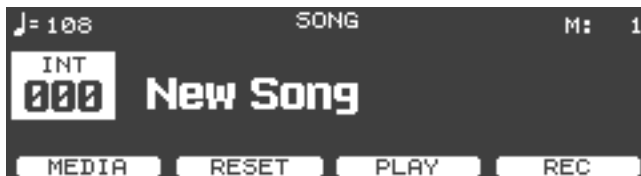


1. Setup number
2. Setup name
3. Information display area

The basic information shown here is the number of the tone used by the setup. The letter in front of the tone number denotes the type of tone. "G" is shown for recommend tone numbers, "P" is shown for preset tone numbers, and "U" is shown for user tone numbers.

## Song Screen

In this screen you can play back SMF music files, audio data, or CD songs. You can also record your own playing. For details, refer to "Playing Songs and Recording Your Performances" (p. 51).



## Utility Screen

In this screen you can make settings for the V-Piano Grand's various functions. For details on these items and procedures, refer to "Detailed Settings for Various Functions (Utility Screen)" (p. 56).



# Listening to the Demo Songs

Here's how to listen to the V-Piano Grand's built-in demo songs.

\* Music Data Copyright: © 2011 Roland Corporation

## NOTE

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

## NOTE

The demo song performance data is not transmitted from the MIDI Out or USB Computer connectors.

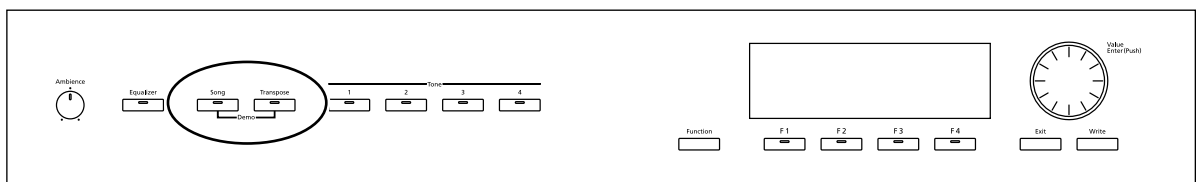
## MEMO

When the V-Piano Grand is placed in demo song playback mode, its various settings will revert to the same state as immediately after the power is turned on. If you want to keep your settings, save them in a setup (p. 49).

## MEMO

In demo song playback mode, playing the keyboard will not produce sound.

1. Hold down the [Song] button and press the [Transpose] button; the V-PIANO DEMO screen will appear.



2. Use the [F3 (▲)] / [F4 (▼)] buttons or the [Value] dial to select a demo song.
3. To play the selected demo song, press the [F1 (PLAY)] button.
4. The demo song will play.
5. To stop the demo song, press the [F1 (STOP)] button.
6. To exit demo song playback mode, press the [Exit] button from the V-PIANO DEMO screen.

## Selecting and Playing a Sound

This section explains how to play the V-Piano Grand.

The V-Piano Grand contains 30 different preset tones. Here's how to select and play these tones.

### MEMO

The sound will be interrupted when you switch tones, but this does not indicate a malfunction.

#### 1. Access the tone screen.

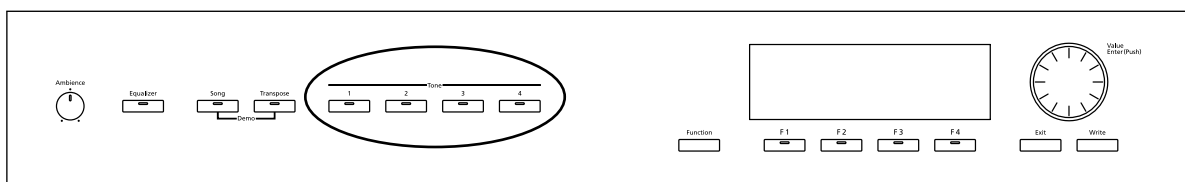
The tone screen will appear when you switch on the V-Piano Grand's power.

If any screen other than the tone screen is shown, press the [Exit] button.

#### 2. Press one of the [Tone 1]–[Tone 4] buttons.

### MEMO

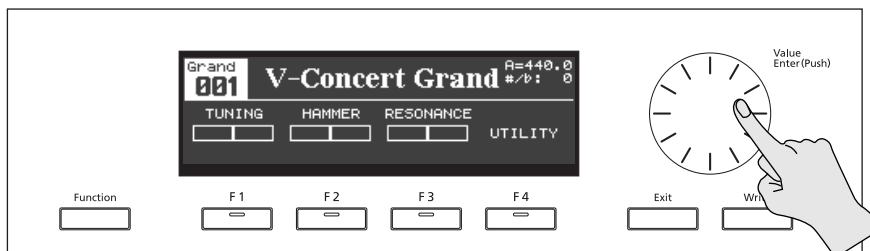
You can assign frequently used tones to the [Tone1]–[Tone4] buttons (p. 30).



#### 3. Try selecting other preset tones.

Make sure that the tone number is highlighted, and turn the [Value] dial.

This allows you to select grand tone numbers 001–002 and preset tone numbers 001–030.



### MEMO

If the tone number is not highlighted, press the [Exit] button.

## Selecting a user tone

If you've saved user tones, you can select them from the tone screen.

#### 4. Continue turning the [Value] dial toward the right.

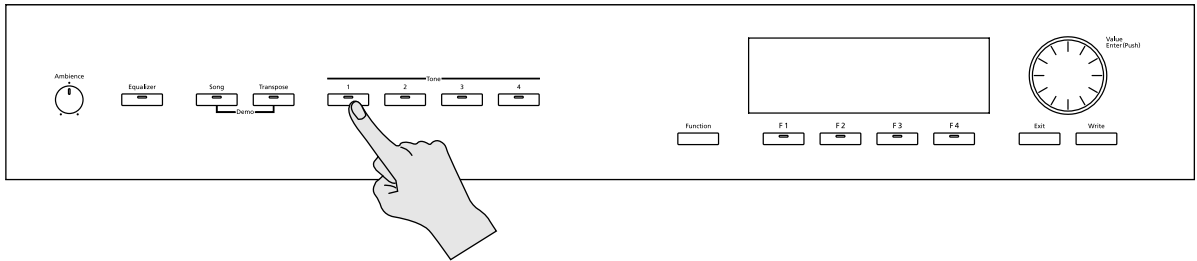
Following preset tone No. 030, you'll be able to select user tones.

For details on customizing and saving a tone, refer to "Customizing the V-Piano Grand's Sounds" (p. 41).

## Assigning your favorite tones to the [Tone 1]–[Tone 4] buttons

You can assign your favorite tones to the [Tone 1]–[Tone 4] buttons.

If you turn the [Value] dial after pressing one of the tone buttons, the tone will change.



If you press and hold down the tone button for about one second, the currently selected tone will be assigned to that tone button.

Now you can select the newly assigned tone any time simply by pressing that tone button.



This setting is stored in the setup (p. 48).

## List of preset tones

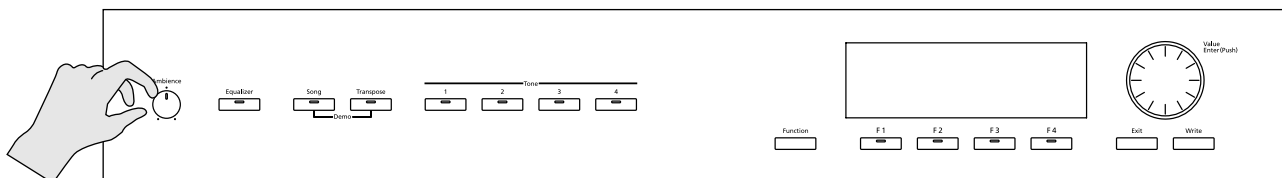
Group	No.	Tone Name	Piano Type	Characteristics
Grand	001	V-Concert Grand	Vintage	A concert grand piano with a sound having sparkling clarity.
Grand	002	V-Concert Mellow	Vintage	A concert grand piano with a mellow resonance.
Preset	001	Vintage Piano 1	Vintage	A standard piano that can be used in a broad range of styles, from classical to jazz and pop. The sound is bright and lively, and will respond dynamically to your touch.
Preset	002	V1 Studio	Vintage	A small-sized piano with a lighter resonance.
Preset	003	V1 Concert	Vintage	A large-sized piano with long bass strings and a large sounding board.
Preset	004	V1 Session	Vintage	A clear-sounding piano.
Preset	005	V1 Mellow	Vintage	A mellow-sounding piano.
Preset	006	V1 Bright	Vintage	A bright-sounding piano.
Preset	007	V1 Honky Tonk	Vintage	Honky tonk piano.
Preset	008	Vintage Piano 2	Vintage	A tranquil-sounding piano with a European atmosphere. With softly played notes, the sound is particularly clear and transparent. This is ideal for mellow ballades. Enjoy the blissful pianissimo notes.
Preset	009	V2 Studio	Vintage	A small-sized piano with a lighter resonance.
Preset	010	V2 Concert	Vintage	A large-sized piano with long bass strings and a large sounding board.
Preset	011	V2 Session	Vintage	A clear-sounding piano.
Preset	012	V2 Clear	Vintage	A transparent-sounding piano.
Preset	013	V2 Upright	Vintage	An upright piano.
Preset	014	Fortepiano	Vintage	This is the sound of a fortepiano, an early piano that has a somewhat different character than today's pianos. Use a lighter key touch setting to appreciate the historical atmosphere of this period instrument.
Preset	015	All Silver 1	Vanguard	A piano that's triple-strung all the way through the bass notes, with silver winding all the way through the treble notes.
Preset	016	All Triple	Vanguard	A piano that's triple-strung all the way through the bass notes, with copper winding all the way through the treble notes.
Preset	017	Glass Piano	Vanguard	A piano with a sounding board made of a hard material, producing a sense of transparency.
Preset	018	Silver Dynamic	Vanguard	A piano that delivers a wide range of tonal variation between softly played and strongly played notes.
Preset	019	Silver Extreme	Vanguard	A piano with emphasized metallic resonance.
Preset	020	All Silver 2	Vanguard	A piano that's triple-strung all the way through the bass notes, with silver winding all the way through the treble notes.
Preset	021	Triple Power	Vanguard	A piano with a bright and powerful resonance.
Preset	022	Triple Mellow	Vanguard	A piano with a deep and gentle resonance.
Preset	023	Deep Resonant	Vanguard	A piano with a sense of movement as though the entire piano were resonating more intensely.
Preset	024	Hybrid Silver	Vanguard	A piano that combines elements from multiple pianos of differing characters.
Preset	025	Vertical	Vintage	A warm upright piano.
Preset	026	V1 Impactance	Vintage	A Vintage Piano 1 equipped with heavier hammers for more power and energy.
Preset	027	Triple Large	Vanguard	Based on All Triple, featuring triple copper-wrapped strings on each key with a newly extended body. You can enjoy dynamic bass sound, rich resonance, and long sustained decay.
Preset	028	Metallic SB	Vanguard	Based on All Silver 1 piano, featuring new virtual sound board with thin metal board sandwiched between thin wooden boards for a unique metallic tonal character.
Preset	029	V-Concert Grand	Vintage	The same sound as Grand 001
Preset	030	V-Concert Mellow	Vintage	The same sound as Grand 002

## Adding Reverberation to the Sound (Ambience)

The ambience settings allow you to add reverberation to the sound.

By applying ambience, you can enjoy the sensation of performing in a large hall or other acoustic space.

Turn the [Ambience] knob toward the right to increase the ambience effect.

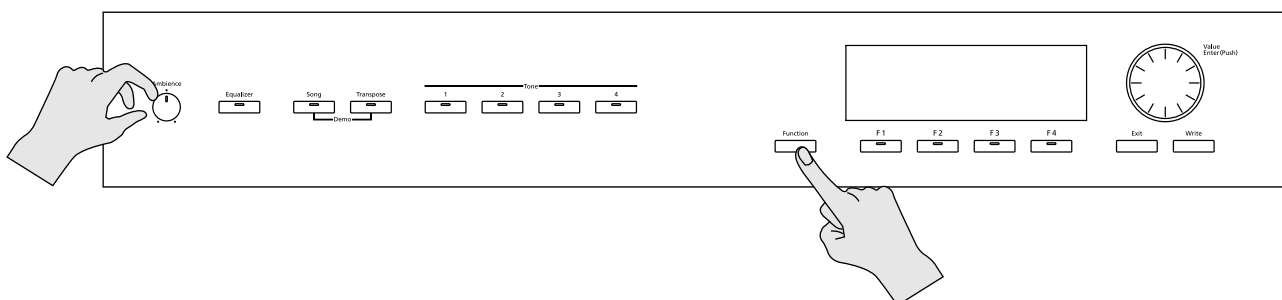


## Switching the Ambience Type

The V-Piano Grand provides 15 types of ambience

### 1. Turn the [Ambience] knob while holding down the [Function] button.

The ambience editing screen will appear.



### 2. Use the [F3]–[F4] buttons and the [Value] dial to change the Ambience Type.

To return to the default setting, press the [F2 (RESET)] button.



**MEMO**

For details on the ambience types and how to edit the ambience settings, refer to “Ambience Settings (6. Ambience)” (p. 63).

## Saving the Ambience Settings

The procedure is the same as when saving equalizer settings (p. 34). Simply replace “equalizer” with “ambience” when reading that section.

## Adjusting the Tonal Character (Equalizer)

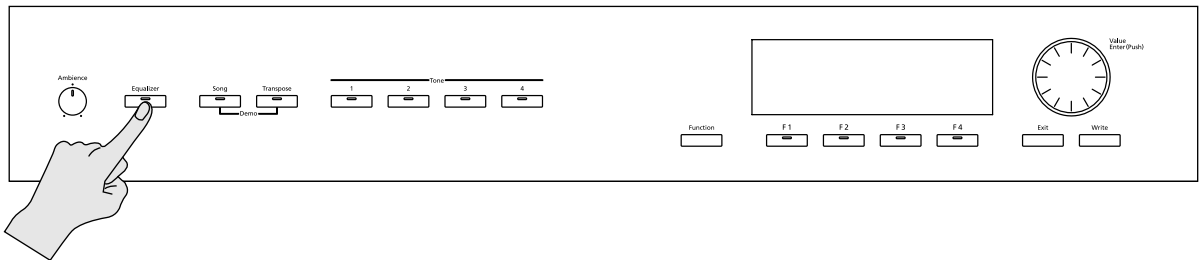
The V-Piano Grand contains a four-band equalizer which you can use to adjust the tonal character.



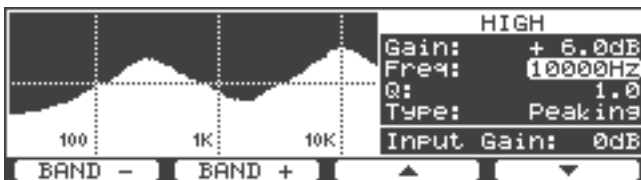
This equalizer applies to all sound that is output from the V-Piano Grand.

### 1. Press the [Equalizer] button.

The equalizer will turn on. The [Equalizer] button will light, and the equalizer screen will appear in the display.



### 2. Use the [F1]–[F4] buttons and the [Value] dial to edit the equalizer parameters.



The equalizer screen contains a frequency response graph that shows the combined result of the four bands. The currently selected band and its parameter settings are shown at the right of the graph.

- Use the [F1 (BAND -)] or [F2 (BAND +)] button to switch bands.
- Use the [F3 (▲)] / [F4 (▼)] button to select the parameter you want to edit.
- Turn the [Value] dial to edit the value of the selected parameter.

Band	Parameter	Value	Description
LOW	Gain	-12~+12 dB	Gain of this band.
	Freq	16~16000 Hz	Center frequency of this band.
	Q	0.5, 1.0, 2.0, 4.0, 8.0	Bandwidth. Higher values will narrow the frequency range of the band.
	Type	Shelving, Peaking	Shelving: This type boosts/cuts the region below the specified center frequency. Peaking: This type boosts/cuts only the region around the specified center frequency.
LOW MID HIGH MID	Gain	-12~+12 dB	Gain of this band.
	Freq	16~16000 Hz	Center frequency of this band.
	Q	0.5, 1.0, 2.0, 4.0, 8.0	Bandwidth. Higher values will narrow the frequency range of the band.
HIGH	Gain	-12~+12 dB	Gain of this band.
	Freq	16~16000 Hz	Center frequency of this band.
	Q	0.5, 1.0, 2.0, 4.0, 8.0	Bandwidth. Higher values will narrow the frequency range of the band.
	Type	Shelving, Peaking	Shelving: This type boosts/cuts the region above the specified center frequency. Peaking: This type boosts/cuts only the region around the specified center frequency.
(Common)	Input Gain	-15~+15 dB	Adjusts the overall level of the equalizer.



Some equalizer settings may cause distortion. If so, reduce the Input Gain.

### 3. To turn the equalizer off, press the [Equalizer] button.

The [Equalizer] button will go out, and the previous screen will reappear.



By pressing the [Exit] button you can return the previous screen while leaving the equalizer on.

## Saving the Equalizer Settings

**NOTE**

Equalizer settings are saved in system memory.

**MEMO**

You can also store the equalizer settings in a setup. Refer to EQ Mode in "System Settings (1. System)" (p. 58). If you've chosen to store the equalizer settings in each setup, the equalizer settings will also be stored when you store the setup (p. 49).

- 1. From the Tone screen, press the [Function] button to turn Function on.**

The [Function] button will light when the function is on.

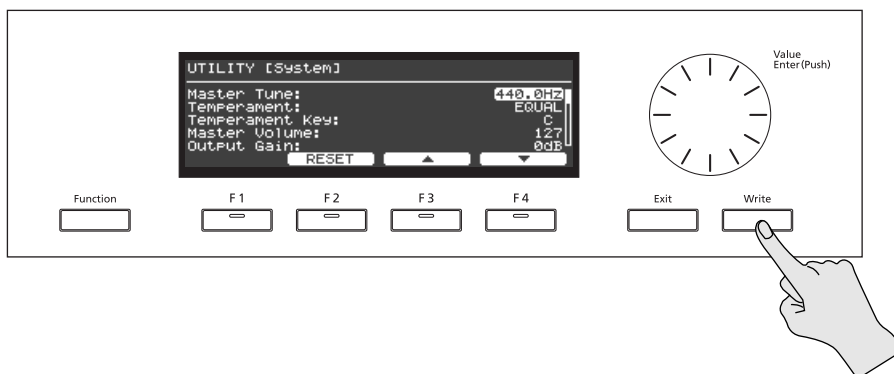
- 2. Press the [F4 (UTILITY)] button to access the Utility screen.**

- 3. Use the [F3 (▲)] or [F4 (▼)] buttons or the [VALUE] dial to select "1. System."**



- 4. Press the [Enter] button or the [F1 (ENTER)] button to access the system setting screen.**

- 5. Press the [Write] button.**



A confirmation message will appear.

If you decide to cancel without saving, press the [F1 (CANCEL)] button.

- 6. To save the equalizer settings, press the [F4 (OK)] button.**

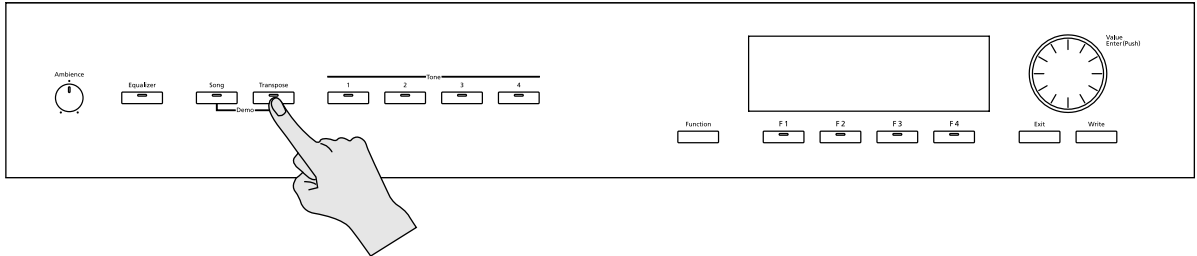
The equalizer settings, as well as any system parameters you've edited will be saved in System memory.

## Shifting the Pitch (Transpose)

The “Transpose” function lets you change the pitch without changing your keyboard fingering.

This is convenient when you need to play in a different key in order to match the range of a vocalist, or when playing from notation that was written for a transposing instrument such as a trumpet.

The transposition range is from -1 octaves (-12 semitones) to +1 octaves (+12 semitones) in semitone steps.



**NOTE**

If the transposition setting causes any keys to exceed the range of A0–C8, those keys may sound one octave higher (or lower).

**MEMO**

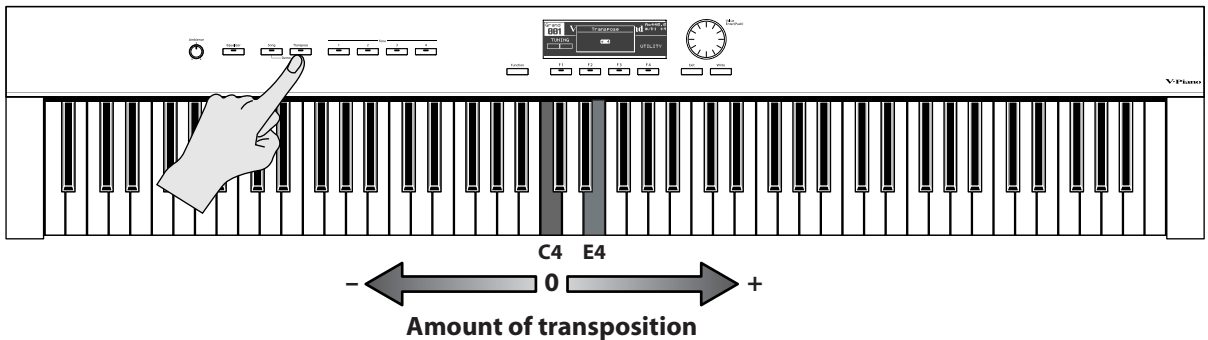
The MIDI Out connector and USB Computer connector will transmit note messages as transposed by this setting. Note messages received via the MIDI In connector or USB Computer connector will not be transposed.

**MEMO**

The transpose setting is saved as setup data (p. 48).

**1. While holding down the [Transpose] button, press a key.**

For example, if you want the “E” pitch to sound when you play the “C” key, hold down the [Transpose] button and press the E4 key. This specifies a transpose setting of “+4.”



The previous screen will reappear when you release the [Transpose] button.

If you’ve specified a transposition, the Transpose function will be on and the [Transpose] button will light. If the transposition amount is “0,” the indicator will not light even if you press the [Transpose] button.

**MEMO**

You can also change the amount of transposition by turning the [Value] dial.

**2. To turn off the Transpose function, press the [Transpose] button so it’s indicator goes out.**

The next time you press the [Transpose] button, the pitch will be transposed by the amount you specified.

## Disabling the Buttons (Panel Lock)

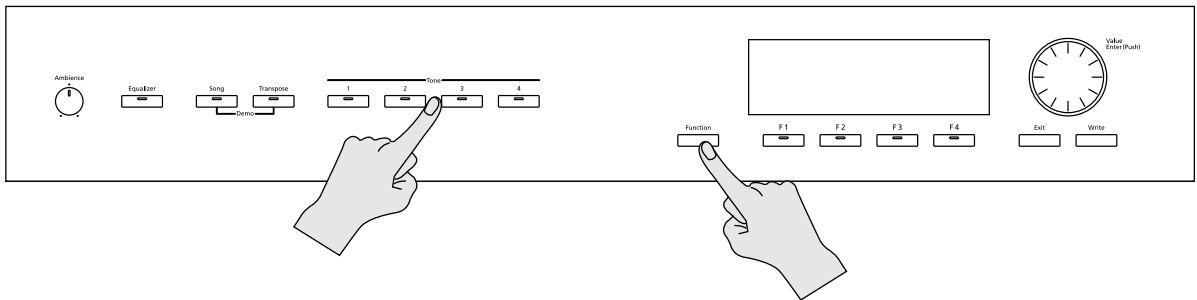
If you lock the panel, all button operations of the V-Piano Grand will be disabled.

For example, you can use this to keep the settings from being changed inadvertently while performing on stage.

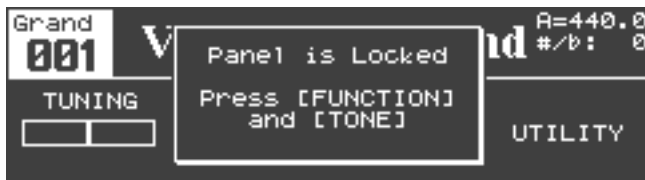
**NOTE**

The [Volume] knob and [Ambience] knob are not locked even if the panel lock function is active.

1. Hold down the [Function] button and press one of the [Tone 1]–[Tone 4] buttons.



The panel will be locked, and the screen will show a message indicating this.



2. To unlock the panel, perform step 1 once again.

## Assigning Functions to the [F1]–[F3] Buttons

You are free to assign functions to the [F1]–[F3] buttons.

This allows you to rapidly access the function you need.

After turning on the [Function] button, you can access the assigned functions by pressing one of the [F1]–[F3] buttons.

**MEMO**

The [F4] button is assigned to access the utility screen. You cannot change this assignment.

**MEMO**

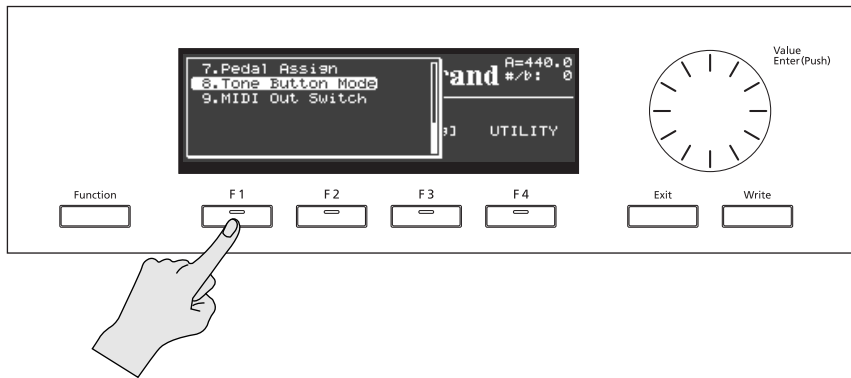
Button assignments are stored in the setup (p. 49).

**1. Press the [Function] button to turn Function on.**

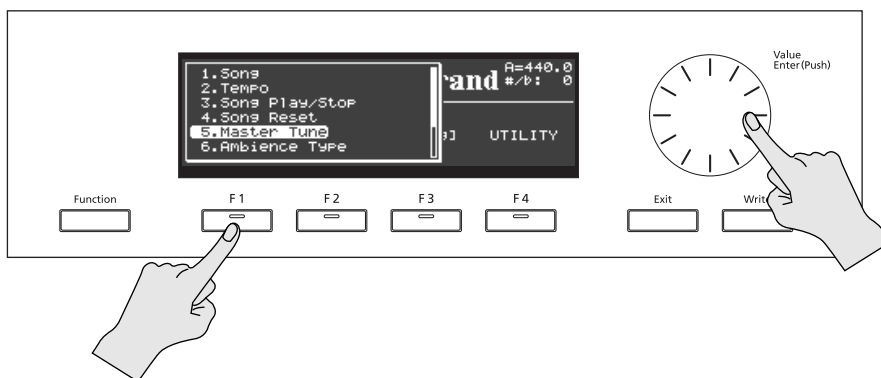
The [Function] button will light when the function is on.

**2. Press and hold one of the [F1]–[F3] buttons.**

A list of the assignable functions will appear.

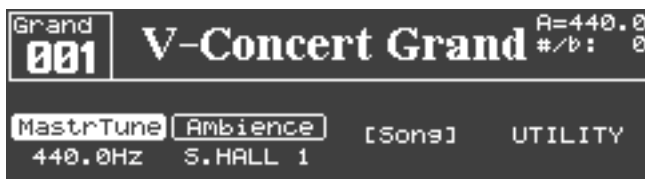


**3. While continuing to hold the [F1]–[F3] button, turn the [Value] dial to select the desired function.**



**4. Release the [F1]–[F3] button.**

The selected function is assigned to that button.



## List of assignable functions

Indication (abbreviation)	Function name	Description	See page
Song	Song	Show the song screen	p. 51
Tempo	Tempo	Song tempo setting	p. 51
Play/Stop	Song Play/Stop	Song Play/Stop	p. 52
SongReset	Song Reset	Return to the beginning of the song	p. 51
MastrTune	Master Tune	Reference pitch setting	p. 58
Ambience	Ambience Type	Ambience type setting	p. 32
Pedal	Pedal Assign	Show the pedal screen	p. 40
Tone Btn	Tone Button Mode	Choose whether the [Tone 1]–[Tone 4] buttons will select tones or setups	p. 59
MIDI Out	MIDI Out Switch	MIDI output on/off	–

**MEMO**

You can also change the [F1]–[F4] parameters for when the [Function] button is off (p. 43).

## Using the Pedals to Control the V-Piano Grand's Functions

You can assign various functions to a pedal, and use the pedal to control the V-Piano Grand.

**MEMO**

You can assign functions to the left pedal and the center pedal.

**MEMO**

The right pedal always functions as a damper pedal. No other function can be assigned to it.

### Functions That Can Be Assigned to a Pedal

Function	Value	Together with another function	Abbreviation in the tone screen	Remarks
Operate as soft pedal	SOFT	✓	Soft	
Operate as sostenuto pedal	SOSTENUTO	✓	Sosten	
Turn on/off MIDI output of performance data	MIDI OUT SW		M.Out	
Play/stop the selected song	SONG PLAY/STOP		PlayST	
Turn transpose on/off	TRANPOSE SW		Trans	Linked with the [Transpose] button.
Move the playback position to the beginning of the song	SONG RESET		Reset	
Adjust the volume of the entire V-Piano Grand	MASTER VOLUME	✓	Volume	Linked with the utility screen's "1. System-Master Volume."
The V-Piano Grand's volume	EXPRESSION	✓	Expres	
Adjust the ambience	AMBIENCE LEVEL	✓	AmbLvl	Linked with the [Ambience] knob.
Adjust the tone parameter	SOUND LIFT	✓	S.Lift	
	STRING RESONANCE	✓	S.Reso	
	DAMPER RESONANCE	✓	D.Reso	
	SOUNDBOARD RESO	✓	Sndbd	The name of the tone parameter is "Soundboard Resonance"
	KEY OFF RESONANCE	✓	K.Reso	
	UNISON TUNE	✓	Tuning	
	HAMMER HARDNESS	✓	Hammer	
	CROSS RESONANCE	✓	C.Reso	
	DECAY TIME	✓	Decay	
	TONE COLOR	✓	TColor	
	DAMPING TIME	✓	D.Time	
DAMPER NOISE LEVEL	✓	D.Nois		
Recall the next setup	SETUP UP		SUP.Up	
Recall the preceding setup	SETUP DOWN		SUP.Dn	

**MEMO**

Parameters for which a check mark appears in the "Together with another function" column allow two functions to be simultaneously assigned to a single pedal.

**NOTE**

SETUP UP and SETUP DOWN can be selected only if the pedal settings are the settings stored in system memory.

**NOTE**

The "Abbreviation in the tone screen" will be displayed when PEDAL has been set for "Information Type" (p. 59).

## Assigning a Function to a Pedal

1. In the tone screen, press the [Function] button to turn Function on.

The [Function] button will light when the function is on.

2. Press the [F4 (UTILITY)] button to access the utility screen.
3. Use the [F3 (▲)] or [F4 (▼)] buttons to select “4. Pedal.”



4. Press the [Enter] button or the [F1 (ENTER)] button to access the pedal setting screen.



5. Use the [F3 (▲)] or [F4 (▼)] button to select the pedal whose assignment you want to change.



Parameters	Pedal
Center Pedal Assign	Center pedal
Left Pedal Assign	Left pedal

6. Turn the [Value] dial to select the function you want to assign.

If you select “OFF,” that pedal will not control anything.

7. Use the [F3 (▲)] or [F4 (▼)] buttons to specify the states of the assigned function when the pedal is released and when it is pressed to its maximum extent.

Parameters	Description
Center Pedal Min	Specify the state when the pedal is released
Left Pedal Min	
Center Pedal Max	Specify the state when the pedal is pressed to the maximum extent
Left Pedal Max	

The available values will depend on the function you’ve assigned.

8. If you want to assign two parameters (that allow simultaneous assignment with another function), press the [F1 (ASSIGN1/2)] button to access the ASSIGN 2 screen.

9. In the ASSIGN 2 screen, make settings for the second function.



10. When you’ve finished making settings, press the [Exit] button to return to the previous screen.

By default, pedal settings are stored in the setup. If you want to keep the pedal settings you’ve made, save the setup (p. 49).

If desired, you can prevent the pedal assignments from changing when you switch setups. For details, refer to “Pedal Settings (4. Pedal)” (p. 62).

# Customizing the V-Piano Grand's Sounds

The V-Piano Grand contains 30 different “tones.”

These sounds are produced by a virtual piano inside the V-Piano Grand. Unlike the way in which conventional digital pianos create sound by processing samples recorded from an acoustic piano, the V-Piano Grand uses digital signal processing to model the numerous elements that make up an acoustic piano, and combines these to create the sound of the piano.

The 30 “tones” built into the V-Piano Grand are not simple variations of the sound. Rather, they are forms of pianos constructed within the V-Piano Grand. By customizing these tones you can construct your very own piano.

## The V-Piano Grand's Parameters

Parameter	Value	Description
Sound Lift	0--+100	This changes how the sound is produced when you play the keyboard softly. You can adjust this to make the sound suitable for solo playing, or to prevent your sound from being buried by the other instruments of your band. With higher settings, the sound will be relatively loud even when you play lightly, preventing your sound from being lost in the band.
Soft Pedal Sense	-100--+100	This adjusts the sensitivity of the soft pedal.
String Resonance	-100--+100	This adjusts the sympathetic vibration of the strings that occurs when you play the keyboard. This simulates not only the sympathetic vibration that occurs when you play a single note, but also the sympathetic vibration that occurs in strings that are already sounding when you play subsequent notes. Increasing this value will produce a greater effect.
Damper Resonance	-100--+100	This adjusts the damper resonance of an acoustic piano; i.e., the sound of other strings sympathetically vibrating when you play other keys with the damper pedal held down. Increasing this value will increase the loudness of the sympathetic vibration.
Soundboard Resonance	-100--+100	This adjusts the sound of the soundboard resonating in response to the notes you play. Increasing this value will increase the soundboard resonance.
Key Off Resonance	-100--+100	This adjusts the amount of resonances such as an acoustic piano's key-off sound (the subtle sound that occurs when you release a key). Increasing this value will increase the amount of resonance.

Parameter	Value	Description
Unison Tune	-100--+100	Normally, there are three strings for each key of a piano (lower notes have one or two strings). A beautiful resonance can be created by slightly detuning the pitch of these strings. Adjusting this parameter to a higher positive (+) value will increase the pitch differences between the 2nd string and the 1st and 3rd strings. When this value is 0, the three strings will be detuned as they are on a typically tuned piano. Adjusting this parameter to a lower negative (-) value will decrease the pitch differences between the 2nd string and the 1st and 3rd strings. With the setting of -100, the pitch differences between the three strings will be minimum. This parameter lets you make detailed adjustments to the pitch of the 1st string and 3rd string (p. 46). <b>MEMO</b> For tones of the “Vintage” piano type (p. 31), this effect won't be applied to notes below the E1 key.
Stretch Tune	---	Most pianos are tuned so that the lower range is flatter and the upper range is sharper than the theoretically calculated pitches of equal temperament. This makes chords sound more beautiful. This method of tuning is distinctive to pianos, and is called “Stretch Tuning.” On the V-Piano Grand, the difference relative to equal temperament can be adjusted individually for each key. For details, refer to “Editing the Stretch Tune” (p. 44).
Hammer Hardness	-100--+100	This adjusts the hardness of the hammer felt. Increasing this value will make the felt harder, producing a bolder sound. Decreasing this value will make the felt softer, producing a softer tone.
Cross Resonance	-100--+100	This adjusts the proportion of the various parasitic vibrations that occur along with the basic vibration of the strings, which produces the basic sound of the piano. Increasing this value will increase the proportion of the parasitic vibration. For the strings of the low notes in particular, this will increase the metallic resonance of the high-frequency range. Lowering this value will decrease the proportion of the parasitic vibration.
Decay Time	-100--+100	This adjusts the time over which the volume decays after reaching its peak. Increasing this value will lengthen the time over which the volume decays; reducing this value will shorten the time.
Tone Color	-7--+7	This adjusts the tone color of the strings. Increasing this value will produce a sharper and brighter sound as though the strings had become thinner. Decreasing this value will produce a milder and warmer sound as though the strings had become thicker.
Damping Time	-100--+100	This adjusts the time from when the damper touches the strings until the sound disappears; i.e., the length of the release. Increasing this value will lengthen the release, and decreasing this value will shorten the release.
Damper Noise Level	-100--+100	This adjusts the damper noise of an acoustic piano; i.e., the sound that is heard when you press the damper pedal to release the strings. Increasing this value will increase the sound heard when the strings are released.

## Editing a Parameter's Value

The tone screen shows some of the parameters that can be customized.

Press the [F1]–[F4] buttons located below the parameter that you want to edit, and then turn the [Value] dial to edit that parameter.



## Saving a Tone You've Customized

If you switch to a different tone or turn off the V-Piano Grand's power after customizing a tone, the changes you've made will be lost.

If you want to keep the customized tone, use the following procedure to save it as a user tone.

**MEMO**

The sound may be interrupted when you switch tones, but this interruption will be minimal when you're switching between tones that were customized from the same preset tone. When using the [Value] dial to switch tones during a performance, you may want to make sure that tones that were customized from the same preset tone are stored in adjacent tone numbers.

**MEMO**

For more about tones customized from the same preset tone, refer to "Viewing the Original Tone" (p. 46).

1. When you've finished customizing the tone, press the [Write] button to access the Tone Write screen.
2. Assign a name to the tone. Press the [F2 (RENAME)] button.



3. Enter the desired name as follows.



Buttons	Description
[Value] dial	Changes the character.
[F1 (INSERT)] button	Inserts a blank space.
[F2 (DELETE)] button	deletes the character at the cursor location.
[F3] button	Moves the cursor one character to the left.
[F4] button	Moves the cursor one character to the right.

4. When you've finished entering the name, press the [Enter] button or [Exit] button to return to the previous screen.

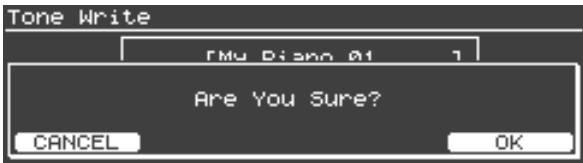


- Turn the [Value] dial to select the write-destination tone number.



- Press the [F4 (EXECUTE)] button to save the tone.

A confirmation screen will appear.



If you decide to cancel without saving, press [F1 (CANCEL)].

- To save the tone, press [F4 (OK)].

**NOTE**

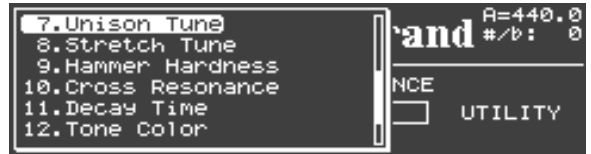
The display will indicate "Executing..." while the data is being saved. Never turn off the power during this time.

When the data has been saved, press the [Exit] button to return to the previous screen.

## Changing the Parameters Shown in the Tone Screen

- Press and hold down one of the [F1]–[F4] buttons.

A list of the tone parameters will appear.



- Continuing to hold down the function button, turn the [Value] dial to select the desired parameter.



- Release the function button.

The parameter you selected is now assigned to that function button.



**MEMO**

The state of the button assignments is saved in the tone (p. 42).

**MEMO**

The function of opening the utility screen ([Utility]) can be assigned only to the [F4] button.

**MEMO**

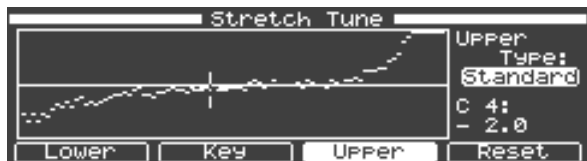
The parameters assigned to the function buttons are indicated using the following abbreviations.

Displayed (abbreviated form)	Parameter Name
SOUNDLIFT	Sound Lift
SOFTPEDAL	Soft Pedal Sense
STR.RESO	String Resonance
DMP.RESO	Damper Resonance
SND.BOARD	Soundboard Resonance
KEYOFF	Key Off Resonance
TUNING	Unison Tune
STRETCH	Stretch Tune
HAMMER	Hammer Hardness
RESONANCE	Cross Resonance
DECAY	Decay Time
TONECOLOR	Tone Color
DMP.TIME	Damping Time
DMP.NOISE	Damper Noise Level

## Editing the Stretch Tune

The stretch tune settings allow you to make detailed adjustments to the tuning curve.

1. **Assign Stretch Tune (STRETCH) to one of the [F1]–[F4] buttons and select it (p. 43).**
2. **Press the [Enter] button to access the Stretch Tune edit screen.**



Function Button	Description
[F1 (Lower)]	Specifies the tuning curve for the lower region. <ul style="list-style-type: none"> <li>• Gentle: Draws a curve that is shallower than "Standard."</li> <li>• Standard: Draws a typical curve.</li> <li>• Deep: Draws a curve that is deeper than "Standard."</li> </ul>
[F2 (Key)]	Press the [F2 (Key)] button and then press a key; now you can use the [Value] dial to adjust the pitch of that key. The range of adjustment is -50+50 cents.
[F3 (Upper)]	Specifies the tuning curve for the upper region. <ul style="list-style-type: none"> <li>• Gentle: Draws a curve that is shallower than "Standard."</li> <li>• Standard: Draws a typical curve.</li> <li>• Deep: Draws a curve that is deeper than "Standard."</li> </ul>
[F4 (Reset)]	Cancels the changes and sets the tuning curve to Standard.

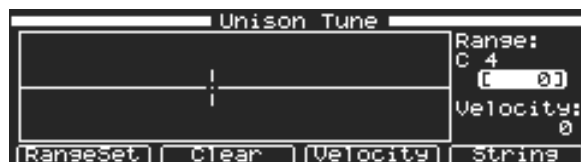
**MEMO** If you use the [F2 (Key)] button to edit the tuning of a specific key, the Lower type will automatically change to "User" for G#4 or lower keys and the Upper type for A4 or higher keys.

## Editing Individual Keys

The following parameters can be individually edited for each key.

- Soft Pedal Sense
- Unison Tune
- Hammer Hardness
- Cross Resonance
- Decay Time
- Tone Color
- Damping Time

1. **Assign one of the above parameters to one of the [F1]–[F4] buttons and select it (p. 43).**
2. **Press the [Enter] button to access the edit screen.**



Button	Function
[F1 (RangeSet)]	Specifies the key to be edited.
[F2 (Clear)]	Returns the values for all keys to their initial state, as prescribed by the selected tone.
[F3 (Velocity)]	Edits the velocity follow setting.

**MEMO** Press the [F2 (Clear)] button and a confirmation screen will appear. If you're sure that you want to return the values for all keys to their initial state (as prescribed by the tone that's selected), press the [F4 (OK)] button. If you decide that you don't want to do this, press the [F1 (CANCEL)] button.

## Specifying the Key Range (RangeSet)

Press the [F1 (RangeSet)] button to specify the key(s) that you want to edit.

### To edit the setting of an individual key

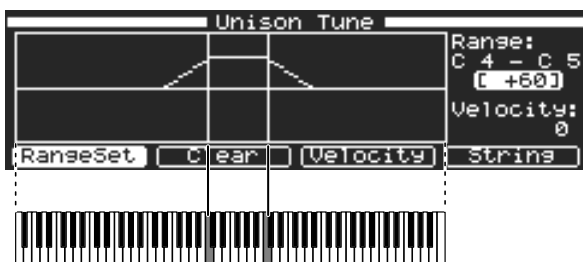
1. Press the [F1 (RangeSet)] button.
2. Play the key whose setting that you want to edit.



3. Use the [Value] dial to edit the setting.
4. Press the [F1 (RangeSet)] button once again to return to the parameter setting screen.

### To edit the setting of multiple keys simultaneously

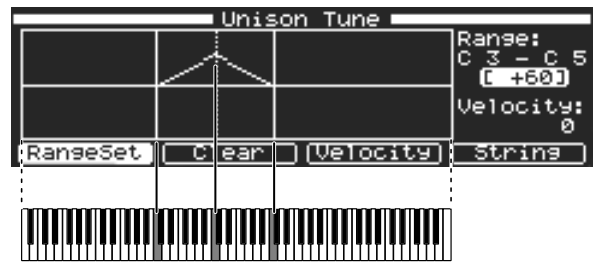
1. Press the [F1 (RangeSet)] button.
2. Hold down two keys to specify the desired range.



3. Use the [Value] dial to edit the setting.  
The setting will be changed for the range between the two keys you specified.  
Beyond that range, settings will be made automatically to create a smooth transition.
4. Press the [F1 (RangeSet)] button once again to return to the parameter setting screen.

#### MEMO

If you play three keys simultaneously or hold down the damper pedal and play three keys...



The values will not be edited for the keys at the two ends of the range; the value will be edited for the center key.  
Settings will be made automatically to create a smooth transition between the center key and the two ends of the key range.

## Velocity Follow Settings

“Velocity Follow” refers to the way in which the strength of an effect changes according to the keyboard playing dynamics.

The following parameters can be made to vary according to the force with which you strike the key.

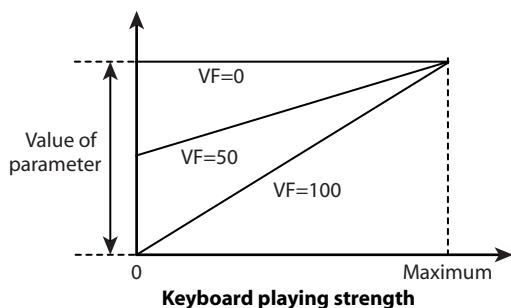
- Unison Tune
- Hammer Hardness
- Cross Resonance
- Decay Time
- Tone Color

1. Press the [F3 (Velocity)] button.
2. Turn the [Value] dial to adjust the Velocity Follow setting.

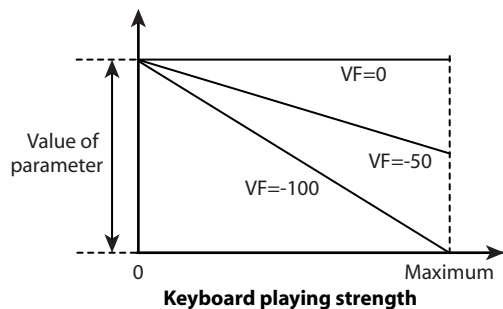
With positive (+) values, the effect will increase as you play more strongly.

With negative (-) values, the effect will increase as you play more softly.

### With positive (+) values of Velocity Follow



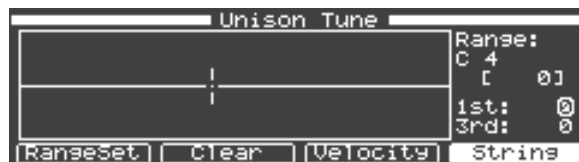
### With negative (-) values of Velocity Follow



## Unison Tune Parameters

Unison Tune (p. 41) allows you to tune the 1st string and 3rd string independently.

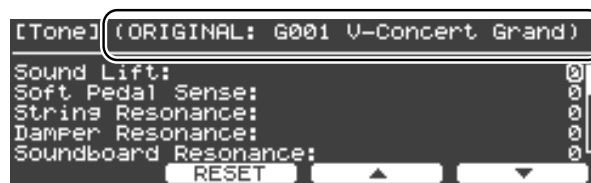
In the parameter setting screen, you can press the [F4 (String)] button repeatedly to make fine adjustments to the pitch of the 1st string and 3rd string.



**MEMO** For tones of the “Vintage” piano type (p. 31), this effect won’t be applied to notes below the E1 key. Also, this effect won’t be applied to these two tones: “V-Concert Grand” and “V-Concert Mellow.”

## Viewing the Original Tone

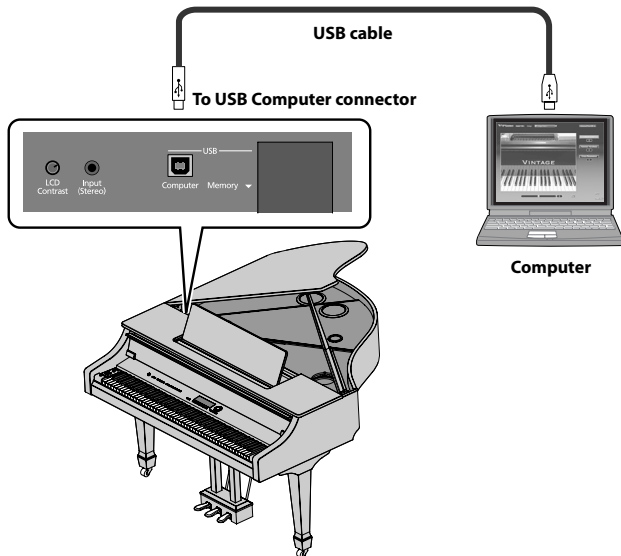
By accessing the utility screen “2. Tone Parameter” you can view the preset tone that was the basis of your customizations.



**MEMO** In some cases, the sound may be briefly interrupted when you switch tones; however, interruptions will be less likely when you switch between a preset tone and a tone that was customized from that same preset tone. If you’re using a pedal to switch between setups, it’s best if the setups contain tones that were customized from the same preset tones.

## About V-Piano Editor

The included CD-ROM contains "V-Piano Editor" software, which lets you visually customize the V-Piano Grand's tones from your computer (Windows or Mac OS X).



You can use a USB cable to connect the V-Piano Grand to your computer, and customize the V-Piano Grand's parameters in real time from your computer.

For details on the operating requirements and how to use the editor, refer to the online documentation provided on the CD-ROM.

- \* Specifications and content of V-Piano Editor are subject to change for improvement without notice.
- \* V-Piano Editor lets you select Preset and User tones. Presets 029–030 are the same tones as those in the Grand group.

# Saving Your Settings (Setups)

You can save the V-Piano Grand's various settings as a "setup" and switch between different setups as appropriate for the songs you're playing.

## MEMO

The setups you save can be backed up to USB memory (sold separately) (p. 64).

## Recalling a Setup

## NOTE

The current settings will be lost when you recall another setup. If you want to keep the current settings, save them to a setup before you continue (p. 49).

1. Hold down the [Function] button and press the [F1] button.
2. The number of the currently selected setup will appear.

\* You can also view the setup number by changing the utility screen's "1. System-Tone Button Mode" (p. 59) setting to "SETUP."



3. Turn the [Value] dial to select the desired setup.



4. Once again hold down the [Function] button and press the [F1] button to return to the tone screen.

## Creating a Setup

A setup contains the following settings.

- The V-Piano Grand's tone (Refer to "Customizing the V-Piano Grand's Sounds" (p. 41).)
- Tone assignments for the [Tone 1]–[Tone 4] buttons (p. 30)
- Pedal assignments (Refer to "4. Pedal Group" (p. 57).)
- Settings for the MIDI messages that are transmitted (Refer to "5. MIDI Group" (p. 57).)
- "Panning Width" (p. 59) setting.
- Transpose setting (p. 35).

## MEMO

By default, the following settings are stored as system settings; however you are free to change this so that they are stored in a setup.

- Equalizer settings (p. 33)
- Ambience settings (p. 32)

## Assigning a Name to a Setup and Saving It

If you want to use your edited settings as a setup, save them as described below.

You can assign a name to your setup.

The V-Piano Grand lets you store 100 setups.

**1. In the tone screen, press the [Function] button to turn Function on.**

The [Function] button will light when the function is on.

**2. Press the [F4 (UTILITY)] button to access the Utility screen.**

**3. Use the [F3 (▲)] button, [F4 (▼)] button, or [Value] dial to select "11. Setup Write."**



**4. Press the [Enter] button or the [F1 (ENTER)] button.**

**5. In the Setup Write screen, turn the [Value] dial to select the write-destination setup number.**



**MEMO**

Setup number 001 is selected automatically when you switch on the V-Piano Grand's power. If you store your favorite tone and settings in setup number 001, you'll be able to immediately start playing that sound and those settings as soon as you power up the V-Piano Grand.

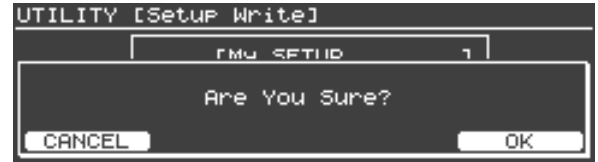
**6. Assign a name to your setup. Press the [F2 (RENAME)] button.**



**7. When you've assigned the name, press the [Enter] button or the [Exit] button to return to the previous screen.**

**8. Press the [F4 (EXECUTE)] button.**

A confirmation screen will appear.



If you decide not to save the setup, press the [F1 (CANCEL)] button or the [Exit] button.

**9. To save the setup, press the [F4 (OK)] button.**

**NOTE**

The screen will indicate "Executing..." while the data is being saved. Never turn off the power while this indication is shown.

When the setup has been saved, you will return to the utility screen.

Buttons	Description
[Value] dial	Changes the character.
[F1 (INSERT)] button	Inserts a blank space.
[F2 (DELETE)] button	Deletes the character at the cursor location.
[F3] button	Moves the cursor one character to the left.
[F4] button	Moves the cursor one character to the right.

## Assigning Favorite Setups to the Buttons

You can assign frequently used setups to the [Tone 1]–[Tone 4] buttons.

This allows you to instantly access a desired setup.

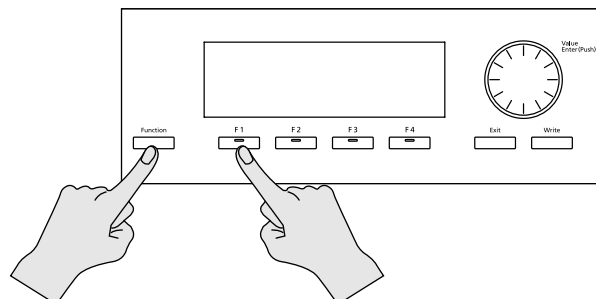
1. Hold down the [Function] button and press the [F1] button.
2. The currently recalled setup number is shown.
3. Press the tone button ([Tone 1]–[Tone 4] button) to which you want to assign a setup.
4. Turn the [Value] dial to select the setup that you want to assign to the specified tone button.



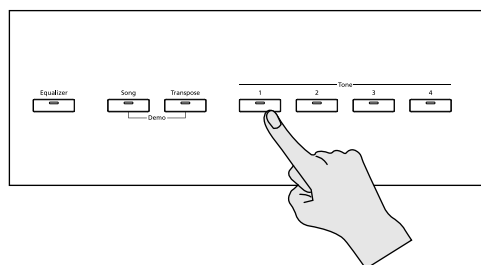
5. Press and hold that tone button for approximately one second.  
The currently recalled setup will be assigned to that tone button.
6. Once again hold down the [Function] button and press the [F1] button to return to the tone screen.

## Recalling a Setup You Assigned to a Button

1. Hold down the [Function] button and press the [F1] button to access the setup select screen.



2. Press one of the [Tone 1]–[Tone 4] buttons.  
The setup assigned to that tone button will be recalled.



3. Once again hold down the [Function] button and press the [F1] button to return to the tone screen.

# Playing Songs and Recording Your Performances

The V-Piano Grand can play back SMF music files, audio data, and songs from a CD.

You can also play along with SMF music files and record the combined performance.

## MEMO

If you want to connect a CD drive, refer to "Installing the CD Drive" (p. 75).

## About the Song Screen

### If SMF music file is selected



### If audio data is selected



#### 1. Tempo

If SMF music file is selected, this indicates the tempo.

If audio data is selected, this indicates the playback speed as a percentage.

#### 2. Media on which the song is saved

INT: V-Piano Grand's internal memory

USB: USB memory or CD drive

#### 3. Song number

If Function is off, you can use the [Value] dial to select a song.

#### 4. Song name (file name)

If audio data is selected, an icon indicating the file format is shown above the song name (file name).

**Audio**: WAV format

**MP3**: MP3 format

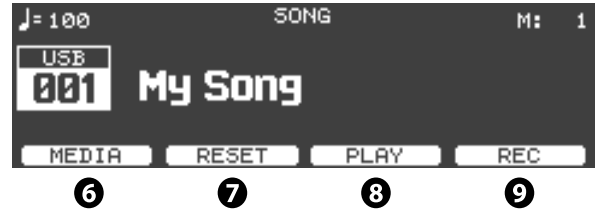
#### 5. Measure indication

If SMF music file is selected, this indicates the currently playing measure number.

If audio data is selected, this indicates the playback time (minutes' seconds").

## [F1]–[F4] Button Operations

### If Function is off



#### 6. [F1 (MEDIA)] button

Switches the media that contains the songs.

INT: The V-Piano Grand's internal memory

USB: USB memory or CD drive connected to the USB Memory connector

#### 7. [F2 (RESET)] button

Moves the playback position of the selected song to the beginning of the song.

#### 8. [F3 (PLAY)] button

Plays the selected song. While the song is playing, this button pauses the song.

#### 9. [F4 (REC)] button

Records your performance (p. 53).

### If Function is on



#### 10. [F1 (TEMPO)] button

Pressing this button lets you use the [Value] dial to change the playback tempo.

- Tempo adjustment range for SMF music file: 10–500
- Playback speed adjustment range for audio data: -25–+25 (%)

#### 11. [F2 (MEAS/TIME)] button

Pressing this button lets you use the [Value] dial to change the playback position.

#### 12. [F3 (PLAY)] button

Plays the selected song. While the song is playing, this button pauses the song.

#### 13. [F4 (OPTION)] button

Displays a menu that allows you to make settings, such as those for the metronome (p. 55).

## Playing a Song

### Opening the Song screen

**1. Press the [Song] button.**

The song screen will appear.

### Selecting a song

**1. In the song screen, press the [F1 (MEDIA)] button to select the media on which the desired song is saved.**

If the [F1 (MEDIA)] button is not shown, check whether the [Function] button is turned off.



Indication	Media on which the song is saved
INT	Play songs saved in the V-Piano Grand's internal memory
USB	Play songs saved on a device connected to the USB Memory connector

**2. Turn the [Value] dial to select a song.**

### To select songs in a folder

**1. Use the [Value] dial to select the folder.**

An icon will appear.



**2. Press the [Enter] button.**

The songs in that folder will appear.

**3. Use the [Value] dial to select a song.**

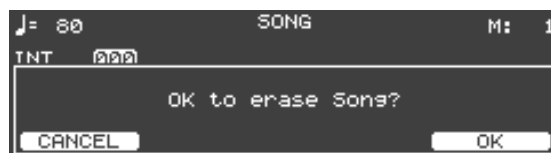
To exit that folder, use the [Value] dial to select "Up" and then press the [Enter] button.

**MEMO**

If a single folder contains more than 500 files or folders, some of the files or folders might not be shown.

### If the following screen appears

A screen like the one shown below will appear if you attempt to select a different song without saving the previously-recorded performance.



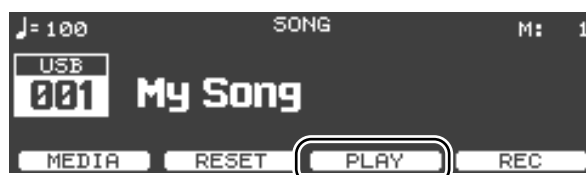
If you press the [F4 (OK)] button, the previously recorded performance will be erased.

If you don't want to lose the previously recorded performance, press the [F1 (CANCEL)] button to return to the previous screen, and save your performance (p. 54).

### Playing and stopping the song

**1. Press the [F3 (PLAY)] button.**

The song will start playing, and the playback position indication will advance.

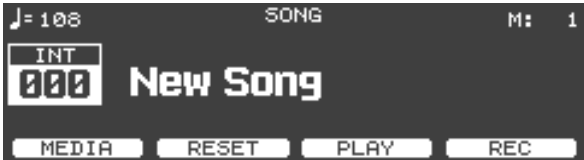


**2. To stop the song, press the [F3 (STOP)] button.**

## Recording Your Performance

You can record your own performance on the V-Piano Grand.

1. In the song screen, choose song number 000 (song name: New Song).



2. If you want the metronome to sound while you're recording, turn Function on, and press the [F4 (OPTION)] button.

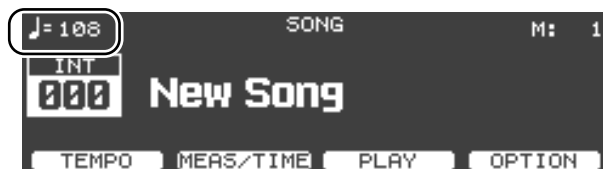
The option menu will appear.



3. Use the [F3 (▲)] button or the [F4 (▼)] button to select a metronome parameter.
4. Use the [Value] dial to change the setting of the selected parameter.

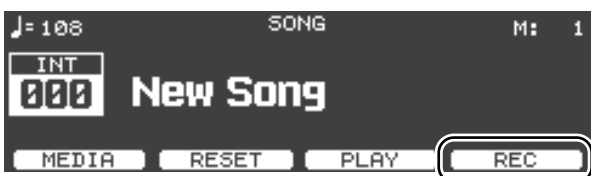
Parameter	Description
Metronome Switch	Turns the metronome on/off.
Metronome Volume	Adjusts the metronome volume.
Beat	Specifies the time signature.

5. When you've finished making metronome settings, press the [Exit] button to return to the song screen.
6. In the song screen, turn Function on, press the [F1 (TEMPO)] button, and turn the [Value] dial to adjust the metronome tempo.

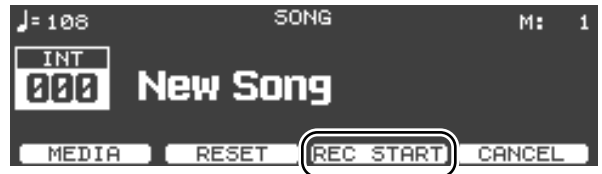


Now you're ready to record.

7. In the song screen, turn Function off, and press the [F4 (REC)] button.

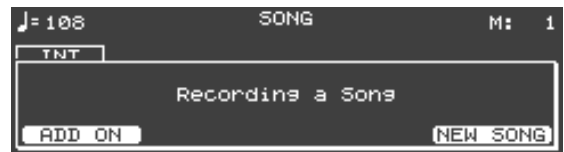


The [F3] button indication will change to [F3 (REC START)], and the V-Piano Grand will enter recording-standby mode.



### If the following screen appears

If you press the [F4 (REC)] button when a song is selected, a screen like the following will appear.

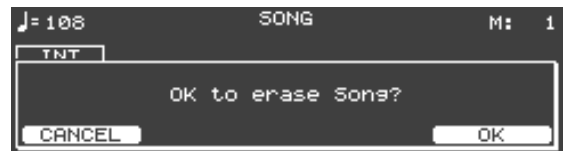


If you want to layer an additional performance onto the selected song, press the [F1 (ADD ON)] button.

If you want to record a new song (rather than layering onto an existing song), press the [F4 (NEW SONG)] button.

### If the following screen appears

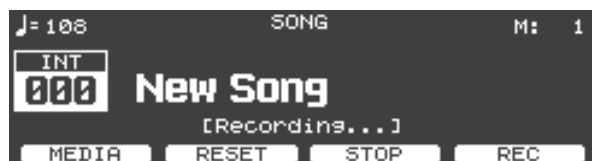
If you attempt to select a different song without saving the previously recorded performance, a screen like the following will appear.



If you press the [F4 (OK)] button the previously recorded performance will be erased.

If you don't want to erase the previously recorded performance, press the [F1 (CANCEL)] button to return to the previous screen, and save your performance (p. 54).

8. Begin playing from recording-standby mode or press the [F3 (REC START)] button to start the recording.



To exit recording-standby mode and stop, press the [F4 (REC)] button.

9. When you're finished recording, press the [F3 (STOP)] button.

The display will indicate "Save Song?"

10. Press the [F4 (SAVE)] button to save the song.

If you decide to cancel without saving, press [F1 (CANCEL)].

## Saving Your Recorded Performance

The performance you recorded will be erased when you power-off the V-Piano Grand.

If you want to keep your performance, save it to a file as described below.

<b>Save format</b>	SMF (Format 0)
--------------------	----------------

- 1. In the song screen, turn Function on and press the [F4 (OPTION)] button.**
- 2. From the menu, choose “Save” and press the [Enter] button.**



The Save SONG File screen will appear.

- 3. Select the media on which you want to save the song file.**

In the Save SONG File screen, press the [F1 (MEDIA)] button to select the store-destination media.



Setting	Store-destination
INT	The V-Piano Grand’s internal memory
USB	USB memory connected to the USB Memory connector

- 4. Press the [F2 (RENAME)] button to specify a name for the song file.**



Buttons	Description
[Value] dial	Changes the character.
[F1 (INSERT)] button	Inserts a blank space.
[F2 (DELETE)] button	Deletes the character at the cursor location.
[F3] button	Moves the cursor one character to the left.
[F4] button	Moves the cursor one character to the right.

When you’ve assigned the name, press the [Enter] button or the [Exit] button to return to the previous screen.

- 5. When you’ve finished entering the file name, press the [F4 (EXECUTE)] button to start saving the song.**

**NOTE**

The screen will indicate “Executing...” while the data is being saved. Never turn off the power while this indication is shown.

**MEMO**

If an identically named file already exists, a confirmation screen will ask “File Exists Overwrite OK?” If you want to overwrite the existing song file, press the [F4 (OK)] button. If you want to save the song under a different file name, press the [F1 (CANCEL)] button.

- 6. When the song has been saved, press the [Exit] button to return to the previous screen.**

## Option Settings in the Song Screen

In the song screen you can turn Function on and press the [F4 (OPTION)] button to access the option menu screen, where you can make settings such as for the metronome.



- Use the [F3 (▲)] button or [F4 (▼)] button to select a parameter.
- Use the [Value] dial to edit the value.

Parameter	Value	Description
Save	---	Saves the recorded song. For details, refer to "Saving Your Recorded Performance" (p. 54).
Metronome Switch	OFF, ON	Turns the metronome on/off.
Metronome Volume	0-10	Adjusts the metronome volume.
Beat	2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8	Specifies the time signature.
Play Mode	ONE SONG, ALL SONG	Specifies whether to play a single song (ONE SONG) or all songs (ALL SONG).
Transpose	-6+5 (semitone)	Transposes the playback. You can transpose both SMF music file and audio data.
Center Cancel	OFF, ON	Minimizes the vocal portion of the audio data playback (Center Cancel). * For some songs, the vocal may not be entirely eliminated.
MIDI Output	OFF, ON	Specifies whether MIDI messages will be transmitted via MIDI (ON) or not transmitted (OFF) when playing back SMF music file.

## Types of Audio Data That the V-Piano Grand Can Play

### WAV format

Sampling frequency	44.1 kHz
Bit depth	16-bit
File extension	.wav

### MP3 format

Format	MPEG-1 audio layer 3
Sampling frequency	44.1 kHz
Bit rate	32/40/48/56/64/80/96/112/128/160/192/224/256/320 kbps, VBR (Variable Bit Rate)
File extension	.mp3

# Detailed Settings for Various Functions (Utility Screen)

## How to Make Settings

1. **From the Tone screen, press the [Function] button to turn Function on.**

The [Function] button will light when the function is on.

2. **Press the [F4 (UTILITY)] button to access the Utility screen.**

3. **Use the [F3 (▲)] / [F4 (▼)] buttons or the [Value] dial to select a group.**



4. **Press the [Enter] button or the [F1 (ENTER)] button to see the parameters in that group.**

5. **Use the [F3 (▲)] / [F4 (▼)] buttons to select a parameter within the group.**



6. **Turn the [Value] dial to adjust the value.**

You can press the [F2 (RESET)] button to return to the initial value.

### NOTE

Simply changing a value does not cause the change to be memorized. You must execute the Write operation to store your change in the appropriate memory location for that parameter. Refer to "Parameters That Can Be Set" (p. 57) for the memory locations and procedure for each parameter.

7. **Press the [Exit] button to return to the previous screen.**

## Saving the System Parameters

With the Utility screen "1. System" shown, press the [Write] button; the parameters will be saved to system memory.

### NOTE

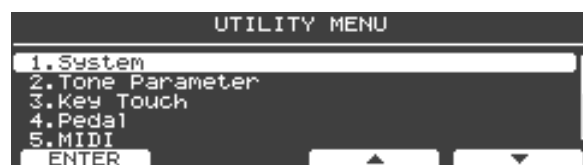
You cannot save just an individual parameter by itself. When you save the System parameters, all the parameters you modified will be saved in a single operation.

1. **From the Tone screen, press the [Function] button to turn Function on.**

The [Function] button will light when the function is on.

2. **Press the [F4 (UTILITY)] button to access the Utility screen.**

3. **Use the [F3 (▲)] or [F4 (▼)] buttons to select "1. System."**



4. **Press the [Enter] button or the [F1 (ENTER)] button to access the system setting screen.**



5. **Press the [Write] button.**

A confirmation message will appear.

If you decide to cancel without saving, press the [F1 (CANCEL)] button.

6. **To save the system parameter, press the [F4 (OK)] button.**

All of the System parameters you edited will be saved to System memory.

## Parameters That Can Be Set

### 1. System Group

Parameter	Page'	Stored in...
Master Tune	p. 58	SYSTEM
Temperament	p. 58	SYSTEM
Temperament Key	p. 58	SYSTEM
Master Volume	p. 58	SYSTEM
Output Gain	p. 58	SYSTEM
GM2/WAV Volume	p. 58	SYSTEM
GM2/WAV Speaker Out	p. 58	SYSTEM
EQ Mode	p. 58	SYSTEM
Information Type	p. 59	SYSTEM
Line Out Setting		
Fixed Out	p. 59	SYSTEM
V-Piano Output Mode	p. 59	SYSTEM
GM2/WAV Output Mode	p. 59	SYSTEM
Output Balance	p. 59	SYSTEM
Sound Perspective	p. 59	SYSTEM
Line Out Mode	p. 59	SYSTEM
Headphone Mode	p. 59	SYSTEM
Panning Width	p. 59	SETUP
USB Driver	p. 59	SYSTEM
USB Memory Mode	p. 59	SYSTEM
Tone Button Mode	p. 59	not stored
Tx Edit	p. 59	SYSTEM
Local Switch	p. 59	not stored
Auto Power Off	p. 59	SYSTEM
Volume Range Min	p. 60	SYSTEM
Volume Range Max	p. 60	SYSTEM

### 2. Tone Parameter Group

Parameter	Page'	Stored in...
Sound Lift	p. 41	TONE
Soft Pedal Sense	p. 41	TONE
String Resonance	p. 41	TONE
Damper Resonance	p. 41	TONE
Soundboard Resonance	p. 41	TONE
Key Off Resonance	p. 41	TONE
Unison Tune	p. 41	TONE
Stretch Tune	p. 41	TONE
Hammer Hardness	p. 41	TONE
Cross Resonance	p. 41	TONE
Decay Time	p. 41	TONE
Tone Color	p. 41	TONE
Damping Time	p. 41	TONE
Damper Noise Level	p. 41	TONE
Tone EQ	p. 60	TONE

### 3. Key Touch Group

Parameter	Page'	Stored in...
Key Touch	p. 61	SYSTEM
Key Touch Offset	p. 61	SYSTEM
Velocity	p. 61	SYSTEM
Velocity Delay Sens	p. 61	SYSTEM
Velocity Key Follow Sens	p. 61	SYSTEM
Piano Emotion	p. 61	SYSTEM

### 4. Pedal Group

Parameter	Page'	Stored in...
Piano Pedal Mode	p. 62	SYSTEM
Center Pedal Assign	p. 62	SYSTEM/SETUP
Center Pedal Min	p. 62	SYSTEM/SETUP
Center Pedal Max	p. 62	SYSTEM/SETUP
Left Pedal Assign	p. 62	SYSTEM/SETUP
Left Pedal Min	p. 62	SYSTEM/SETUP
Left Pedal Max	p. 62	SYSTEM/SETUP

### 5. MIDI Group

Parameter	Page'	Stored in...
MIDI Tx Channel	p. 63	SETUP
V-Piano Rx Channel	p. 63	SYSTEM
Tx Bank Select (MSB)	p. 63	SETUP
Tx Bank Select (LSB)	p. 63	SETUP
Tx Program Change	p. 63	SETUP

### 6. Ambience Group

Parameter	Page'	Stored in...
Ambience Mode	p. 63	SYSTEM
Ambience Type	p. 63	SYSTEM/SETUP
Ambience Level	p. 63	SYSTEM/SETUP

### 7. File Group

Parameter	Page'
Save SETUP File	p. 64
Load SETUP File	p. 65
Delete SETUP File	p. 66
Copy SETUP File	p. 66
Save SONG File	p. 67
Delete SONG File	p. 68
Copy SONG File	p. 68
Format	p. 69

## 8 Visual Control Group

Parameter	Page'	Stored in...
Switch	p. 71	SYSTEM
Mode	p. 71	SYSTEM
Tx Channel	p. 71	SYSTEM
Key Range	p. 71	SYSTEM
Local Switch	p. 71	SYSTEM

## 9. Initialize Group

Parameter	Page'
Delete User Tone	p. 71
Factory Reset All	p. 72

## 10. SONG Group

Refer to "Playing Songs and Recording Your Performances" (p. 51).

## 11 Setup Write Group

Refer to "Assigning a Name to a Setup and Saving It" (p. 49).

### Saving parameters

Different parameters are saved in different locations (Tone, Setup, or System). Tones and the parameters saved in a Setup are not memorized until you save them to a Tone or to a Setup.

### Saving parameters stored in System memory

Refer to "Saving the System Parameters" (p. 56).

### Saving parameters stored in a Setup

Refer to "Assigning a Name to a Setup and Saving It" (p. 49).

### Saving parameters stored in a Tone

Refer to "Saving a Tone You've Customized" (p. 42).

## System Settings (1. System)



### NOTE

The following parameters are not saved in System memory or Setup memory. They will return to the default settings when you power-off the V-Piano Grand.

- Tone Button Mode
- Local Switch

### NOTE

Leave the USB Driver at the GENERIC setting. If you change this to ORIGINAL, you'll need dedicated drive software in order to connect the V-Piano Grand to your computer. For more about the dedicated driver software, refer to the Roland website.

Roland website: <http://www.roland.com/>

Parameter	Value	Description
Master Tune	415.3–466.2 (Hz)	Changes the reference pitch of the V-Piano Grand.
Temperament	Changes the temperament (tuning method).	
	EQUAL	Equal
	JUST MAJOR	Just major
	JUST MINOR	Just minor
	PYTHAGOREAN	Pythagorean
	KIRNBERGER	Kirnberger
	MEANTONE	Meantone
	WERCKMEISTER	Werckmeister
ARABIC	Arabic	
Temperament Key	C, C#, D, Eb, E, F, F#, G, G#, A, Bb, B	Specifies the tonic of the temperament (tuning method).
Master Volume	0–127	Adjusts the volume of the entire V-Piano Grand.
Output Gain	-12–+12 (dB)	Sets the overall volume.
GM2/WAV Volume	0–127	Adjusts the volume of SMF music file, audio data, and the input.
GM2/WAV Speaker Out	OFF, ON	Turn this "OFF" if you don't want sound from GM2, Wav, or the input to be heard through the speakers. This allows you to listen to the sound of the piano from the V-Piano Grand itself, while using external speakers to listen to the accompaniment.
EQ Mode	SETUP, SYSTEM	Equalizer settings can be saved within each setup. When you switch setups, this setting specifies whether the equalizer settings will change to the settings saved in that setup (SETUP) or will not change (SYSTEM).

Parameter	Value	Description
Information Type		Specifies the parameters shown in the Tone screen.
	OFF	No display
	BASIC	<ul style="list-style-type: none"> <li>Master Tune (p. 58)</li> <li>Transposition amount (p. 35)</li> <li>Tone number (only when selecting a Setup) (p. 27)</li> </ul>
	AMBIENCE	<ul style="list-style-type: none"> <li>Ambience Mode (p. 63)</li> <li>Ambience Type (p. 63)</li> <li>Ambience Level (p. 63)</li> </ul>
	PEDAL	<ul style="list-style-type: none"> <li>Piano Pedal Mode (p. 62)</li> <li>Center Pedal Assign (p. 62)</li> <li>Left Pedal Assign (p. 62)</li> </ul>
Line Out Setting		
Fixed Out	OFF, ON	If this is ON, the sound will be output at a fixed volume from Line Out regardless of the position of the Volume knob. (If Sound Perspective is set to "A:DRY B:AMBIENCE," the ambience will always be output at a fixed volume from Output B regardless of the position of the [Ambience] knob.)
V-Piano Output Mode	A, B, A+B	Specifies the output(s) from which the V-Piano Grand's sound will be sent (Output A jacks and/or Output B jacks).
GM2/WAV Output Mode	A, B, A+B	Specifies the output(s) from which SMF music file, audio files, and the signal from the Input jacks will be output (Output A jacks and/or Output B jacks).
Output Balance	A:100 - B:0– A:100 - B:100– A:0 - B:100	Specifies the volume balance of the Output A jacks and Output B jacks. * This setting does not apply to the output from the Phones jacks.
Sound Perspective		Specifies the V-Piano Grand's multi-channel output setting. For details on speaker placement, refer to "Using External Speakers to Perform with a Full Sound Field" (p. 60).
	OFF	No multi-channel output setting will be made. The same stereo signal will be output from A and B.
	A:DRY B:AMBIENCE	This setting produces spacious reverberation. The Output A jacks will output the sound of the V-Piano Grand with no ambience applied, and the Output B jacks will output only the ambience sound.
	GRAND AMBIENCE	The four-channel multi-output is used to produce the sense of depth distinctive of a grand piano.

Parameter	Value	Description
Line Out Mode	STEREO, MONO	Specifies whether the V-Piano Grand's sound will be output in monaural or in stereo. To allow the V-Piano Grand to produce the highest-quality piano sound, it was designed with stereo output in mind. The tonal character will be affected if you output only one channel or if you mix the left and right channels for monaural output. If you want to output the V-Piano Grand in monaural, choose the MONO setting. With the MONO setting, the Output A jacks L/1 and R/2 will output the same sound.
Headphone Mode	A, B, ALL	Specifies the output to the headphone jack. This allows you to output only the sound of the Output A jacks or the Output B jacks to the headphones.
Panning Width	0–100%	Specifies how panning is affected by the keyboard region. With higher values, the lower keys are panned toward the left, while higher keys are panned toward the right. Lower values will reduce the panning difference between lower and higher keys.
USB Driver	ORIGINAL, GENERIC	Specifies the USB driver to use when you connect your computer via the USB Computer connector. Leave the USB Driver at the GENERIC setting.
USB Memory Mode	MODE1, MODE2	In certain cases, data reading may be slow or unsuccessful when you connect USB memory to the USB Memory connector. If so, you may be able to solve the problem by switching this USB memory setting.
Tone Button Mode	TONE, SETUP	Specifies whether the tone buttons ([Tone 1] button –[Tone 4] button) will select tones (TONE) or setups (SETUP). This parameter will return to the default value when you power-off the V-Piano Grand.
Tx Edit	OFF, ON	When you edit the tone, this setting specifies whether your edits will be transmitted via MIDI as system exclusive messages (ON) or not transmitted (OFF).
Local Switch	OFF, ON	Local Switch allows the performance data from the keyboard to be sent to the sound generator, or breaks this connection. If the Local Switch setting is turned off, performance data from the keyboard will not be sent to the sound generator.
Auto Power Off	OFF, 240min	If this is set to "240min," the power will automatically turn off 240 minutes after the V-Piano Grand was last operated. The factory setting is "240min."

Parameter	Value	Description
Volume Range Min	0-127	Specifies the range of volume adjustment that is accessible using the Volume knob. For example, you can set this to prevent the volume from becoming dangerously loud or entirely silent when a child inadvertently operates the Volume knob.
Volume Range Max	0-127	

## Using External Speakers to Perform with a Full Sound Field

If you've set the system parameter Sound Perspective (p. 57) to "A:DRY B:AMBIENCE," only the ambience component will be output from Output B.

You can obtain a richer sound field by connecting external speakers to Output B.

- \* In this case, set the system parameter "Fixed Out" (p. 59) to the "ON" setting. When you set this to "ON," please note that the ambience will always be output at a fixed volume from the external speakers, regardless of the position of the Volume knob.

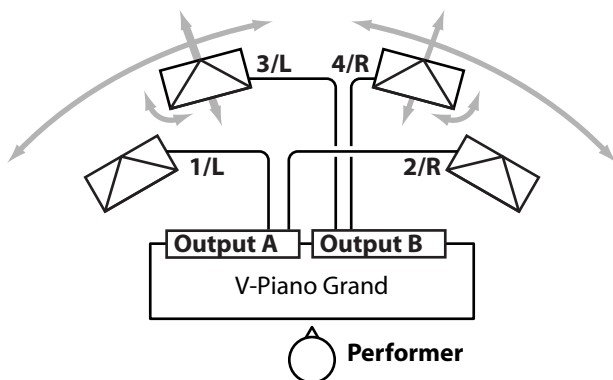
Or if you've set the system parameter Sound Perspective to "GRAND AMBIENCE" for multi-channel output, you should place your speakers in the areas shown in the diagram below.

**MEMO**

Place the Output A speakers near the performer, and place the Output B speakers farther away.

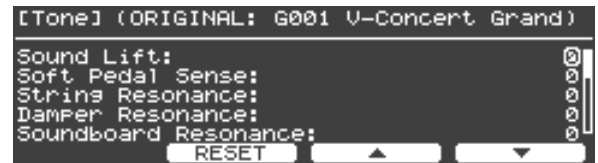
**MEMO**

The volume balance, spacing of the Output B speakers, direction, and distance to the speakers can be adjusted according to your taste.



## Tone Parameter Settings (2. Tone Parameter)

The parameters in this group are the same as the parameters that you can edit in the Tone screen.



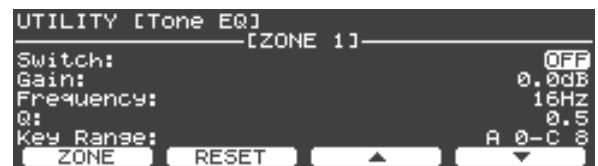
For an explanation of the parameters and their values, refer to "Customizing the V-Piano Grand's Sounds" (p. 41).

### ORIGINAL

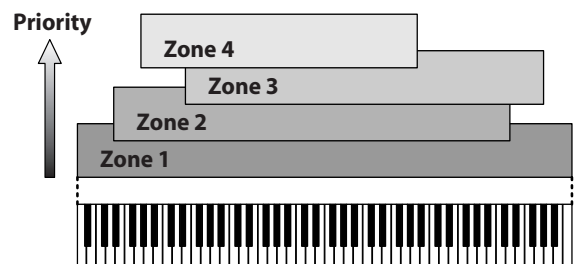
This screen shows the name of the preset tone that was the basis of the customized tone.

- \* You cannot change the preset tone that was the basis of the customized tone.

### Tone EQ



Each tone allows you to apply an equalizer to specific regions ("Zones"). This is called the Tone EQ. For each tone you can specify four Zones, and make different settings for each Zone.



Of the four Zones, the settings of Zone 4 will take priority.

Each Zone has the following parameters.

Parameter	Value	Description
Switch	OFF, ON	Turns this ZONE's EQ on/off.
Gain	-12~+12 dB	Adjusts the gain.
Frequency	16~16000 Hz	Adjusts the center frequency.
Q	0.5, 1.0, 2.0, 4.0, 8.0	Adjusts the bandwidth. Higher values will narrow the frequency range.
Key Range	A0~C8	Sets the key range of this ZONE.

**MEMO**

Press the [F1 (ZONE)] button to switch between Zones.

## Keyboard Touch Settings (3. Key Touch)



Parameter	Value	Description
Key Touch	SUPER LIGHT, LIGHT, MEDIUM, HEAVY, SUPER HEAVY	Adjusts the touch sensitivity of the keyboard by changing the way in which the sound responds to your keyboard playing dynamics. SUPER LIGHT is the lightest setting, and SUPER HEAVY is the heaviest. * This setting will change automatically Offset setting described below.
Key Touch Offset	-10~+9	Adjusts the touch sensitivity of the keyboard with greater precision than the Key Touch setting. The touch sensitivity becomes heavier as the value increases. * When this parameter is set to a value that exceeds the upper or lower limit, the setting for Key Touch (one of five possible values) is automatically changed to accommodate the value you've specified.
Velocity	REAL, 1~127	Specifies that notes will sound at a fixed volume regardless of the strength (velocity) with which you play the keyboard. If you want the volume to change in response to your keyboard playing dynamics, choose the REAL setting.
Velocity Delay Sens	-63~+63	Specifies the time from the instant you play a key until sound is heard. With negative (-) values, the note will be delayed longer if you play more strongly. With positive (+) values, the note will be delayed longer if you play more softly.
Velocity Key Follow Sens	-63~+63	Specifies how the keyboard touch will vary as you play in different regions of the keyboard. With higher values, higher regions of the keyboard will feel heavier and lower regions will feel lighter.
Piano Emotion	0~127	Increasing this value will produce an de-emphasized sense of attack when you play staccato.

## Pedal Settings (4. Pedal)

Here you can make settings for the center and left pedals.



Parameter	Value	Description
Piano Pedal Mode	SETUP, SYSTEM	Pedal settings can be saved within each setup (p. 48). When you switch setups, this setting specifies whether the pedal settings will change to the settings saved in that setup (SETUP) or will not change (SYSTEM).
Center Pedal Assign	Refer to "Functions That Can Be Assigned to a Pedal" (p. 39).	Specifies the function that will be controlled by the center pedal.
Center Pedal Min	(Range of values for the assigned function)	Specifies the value sent when the center pedal is released.
Center Pedal Max		Specifies the value sent when the center pedal is fully depressed.
Left Pedal Assign	Refer to "Functions That Can Be Assigned to a Pedal" (p. 39).	Specifies the function that will be controlled by the left pedal.
Left Pedal Min	(Range of values for the assigned function)	Specifies the value sent when the left pedal is released.
Left Pedal Max		Specifies the value sent when the left pedal is fully depressed.

**NOTE** You cannot change the settings for the right pedal. This pedal will always operate as damper pedal.

## MIDI Settings (5. MIDI)



Parameter	Value	Description
MIDI Tx Channel	1-16	Specifies the MIDI channel on which the V-Piano Grand's performance data is transmitted via MIDI. If you want to use the V-Piano Grand's performance data to play an external MIDI device, set the V-Piano Grand's transmit channel to match the receive channel of the external MIDI device.
V-Piano Rx Channel	OFF, 1-16	If you want to use MIDI data from an external MIDI device to play the V-Piano Grand's sounds, set the V-Piano Grand's receive channel to match the transmit channel of the external MIDI device.
Tx Bank Select (MSB)	OFF, 0-127	Specifies the Bank Select MSB that is transmitted when a setup is recalled.
Tx Bank Select (LSB)	OFF, 0-127	Specifies the Bank Select LSB that is transmitted when a setup is recalled.
Tx Program Change	OFF, 1-128	Specifies the Program Change that is transmitted when a setup is recalled.

### NOTE

The V-Piano Rx Channel setting is stored in system memory. It cannot be individually stored in each setup.

## Ambience Settings (6. Ambience)



Parameter	Value	Description
Ambience Mode	SETUP, SYSTEM	When you switch setups, this setting specifies whether the ambience settings will change to the settings saved in that setup (SETUP) or will not change (SYSTEM).
Ambience Type	ROOM 1, ROOM 2, ROOM 3, STUDIO 1, STUDIO 2, STUDIO 3, CLUB 1, CLUB 2, CLUB 3, HALL 1, HALL 2, HALL 3, S.HALL 1, S.HALL 2, S.HALL 3	Selects the type of ambience.
Ambience Level	0-127	Adjusts the ambience effect. This parameter is linked with the [Ambience] knob.

### MEMO

When Ambience Mode is set to "System," the Ambience Level will conform to the position of the Ambience knob.

## File Management (7. File)



### What is a setup file?

A “setup file” contains the V-Piano Grand’s 100 user setups, 100 user tones, and system settings, all in a single file.

This setup file can be saved to internal memory or to USB memory (separately sold) connected to the USB Memory connector.

**MEMO**

Up to six setup files can be saved in the V-Piano Grand’s internal memory.

### About song files

SMF music files stored in USB memory can be copied to the V-Piano Grand’s internal memory.

A performance you’ve recorded on the V-Piano Grand can also be saved as a song file to internal memory or to USB memory.

**NOTE**

Audio data cannot be copied to internal memory.

## Saving a Setup File (Save SETUP File)

Here’s how to save a setup file to internal memory or to USB memory (separately sold) connected to the USB Memory connector.

1. In the File screen, turn the [Value] dial to select “Save SETUP File,” and then press the [Enter] button or the [F1 (ENTER)] button.



2. Choose the media to which you want to save the setup file.

In the Save SETUP File screen, press the [F1 (MEDIA)] button to select the save-destination media.

Value	Media
INT	V-Piano Grand’s internal memory
USB	USB memory connected to the USB Memory connector



3. Press the [F2 (RENAME)] button to assign a name to the setup file.



Buttons	Description
[Value] dial	Changes the character.
[F1 (INSERT)] button	Inserts a blank space.
[F2 (DELETE)] button	Deletes the character at the cursor location.
[F3] button	Moves the cursor one character to the left.
[F4] button	Moves the cursor one character to the right.

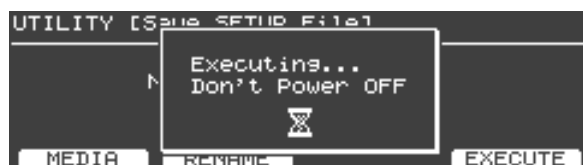
When you’ve specified the name, press the [Enter] button or the [Exit] button to return to the previous screen.

4. When you’ve finished entering the file name, press the [F4 (EXECUTE)] button to start saving the file.



**NOTE**

The screen will indicate “Executing...” while the file is being saved. Never turn off the power while this screen is shown.



**MEMO**

If a file of the same name already exists, the confirmation message “File Exists Overwrite OK?” appears. If you want to overwrite the existing setup file, press the [F4 (OK)] button. If you want to re-save the file with a different name, press the [F1 (CANCEL)] button.

5. When the file has been saved, press the [Exit] button to return to the previous screen.

## Loading a Setup File (Load SETUP File)

Here's how to load a previously saved setup file.

When you load a setup file, the V-Piano Grand's user setups and user tones will be overwritten and lost.

If there are important settings that you want to keep, save them to memory before you proceed.

1. In the File screen, turn the [Value] dial to select "Load SETUP File," and then press the [Enter] button or the [F1 (ENTER)] button.



2. Press the [F1 (MEDIA)] button to specify the media that contains the setup file that was saved.

Value	Media
INT	V-Piano Grand's internal memory
USB	USB memory connected to the USB Memory connector

3. Turn the [Value] dial to select the setup file that you want to load.



4. If you also want to load the system setting parameters from the file, press the [F2 (System)] button.

A symbol will appear in the screen.



5. To load the file, press the [F4 (EXECUTE)] button.

A confirmation message will appear.



If you decide to cancel without loading, press the [F1 (CANCEL)] button.

6. To load the file, press the [F4 (OK)] button.

### NOTE

Never turn off the power while a file is being loaded.

### MEMO

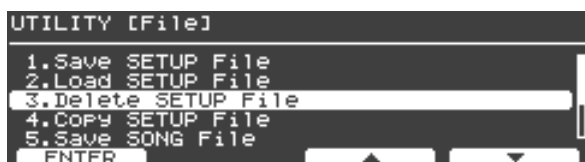
Files whose name includes characters that cannot be displayed by the V-Piano Grand are shown as "?".

7. When the file has been loaded, press the [Exit] button to return to the previous screen.

## Deleting a Setup File (Delete SETUP File)

Here's how to delete a setup file that was previously saved in the V-Piano Grand's internal memory or in USB memory.

1. In the File screen, turn the [Value] dial to select "Delete SETUP File," and then press the [Enter] button or the [F1 (ENTER)] button.



2. Press the [F1 (MEDIA)] button to specify the media that contains the setup file.

Value	Media
INT	V-Piano Grand's internal memory
USB	USB memory connected to the USB Memory connector

3. Turn the [Value] dial to select the setup file that you want to delete.

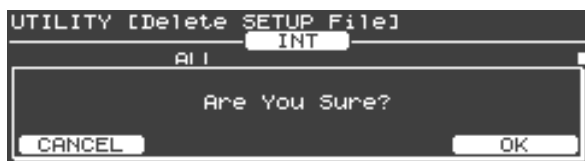


### NOTE

If you choose "ALL," all setup files will be deleted.

4. To delete the selected file, press the [F4 (EXECUTE)] button.

A confirmation message will appear.



If you decide to cancel without deleting, press the [F1 (CANCEL)] button.

5. To delete the file(s), press the [F4 (OK)] button.

### NOTE

Never turn off the power while a file is being deleted.

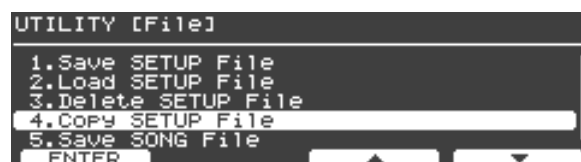
6. When deletion is completed, press the [Exit] button to return to the previous screen.

## Copying a Setup File (Copy SETUP File)

Here's how to copy a setup file from the V-Piano Grand's internal memory to USB memory (sold separately).

You can also copy a setup file from USB memory to the V-Piano Grand's internal memory.

1. In the File screen, turn the [Value] dial to select "Copy SETUP File," and press the [Enter] button or the [F1 (ENTER)] button.



2. Press the [F1 (DEST)] button to specify how copying is to occur.

Value	Description
INT→USB	Copies a setup file from the V-Piano Grand's internal memory to USB memory.
USB→INT	Copies a setup file from USB memory to the V-Piano Grand's internal memory.

3. Turn the [Value] dial to select the setup file(s) to be copied.



### NOTE

If you choose "ALL," all setup files will be copied.

4. To copy the selected file(s), press the [F4 (EXECUTE)] button.

### NOTE

While files are being copied, the screen will indicate "Executing..." Never turn off the power during this time.

### MEMO

If a file of the same name already exists, the confirmation message "Overwrite OK?" appears. If you want to overwrite the existing setup file, press the [F4 (OK)] button. If you want to cancel the copy, press the [F1 (CANCEL)] button.

5. When copying is completed, press the [Exit] button to return to the previous screen.

## Saving a Song (Save SONG File)

Here's how a performance you recorded on the V-Piano Grand can be saved to internal memory or to USB memory (sold separately) connected to the USB Memory connector.

1. In the File screen, turn the [Value] dial to select "Save SONG File," and press the [Enter] button or the [F1 (ENTER)] button.



2. Select the media on which you want to save the song file.

In the Save SONG File screen, press the [F1 (MEDIA)] button to select the save-destination media.

Value	Media
INT	V-Piano Grand's internal memory
USB	USB memory connected to the USB Memory connector

3. Assign a name to the song file. Press the [F2 (RENAME)] button.



Buttons	Description
[Value] dial	Changes the character.
[F1 (INSERT)] button	Inserts a blank space.
[F2 (DELETE)] button	Deletes the character at the cursor location.
[F3] button	Moves the cursor one character to the left.
[F4] button	Moves the cursor one character to the right.

When you've specified the name, press the [Enter] button or the [Exit] button to return to the previous screen.

4. When you've finished entering the file name, press the [F4 (EXECUTE)] button to start saving the file.

### NOTE

The screen will indicate "Executing..." while the file is being saved. Never turn off the power while this screen is shown.

### MEMO

If a file of the same name already exists, the confirmation message "File Exists Overwrite OK?" appears. If you want to overwrite the existing setup file, press the [F4 (OK)] button. If you want to re-save the file under a different name, press the [F1 (CANCEL)] button.

5. When the file has been saved, press the [Exit] button to return to the previous screen.

## Deleting a Song (Delete SONG File)

Here's how to delete a song file from the V-Piano Grand's internal memory or from USB memory.

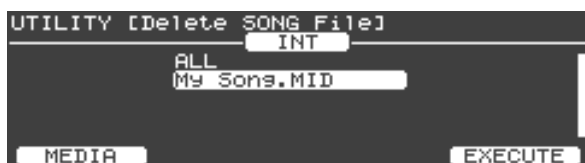
1. In the File screen, turn the [Value] dial to select "Delete SONG File" and then press the [Enter] button or the [F1 (ENTER)] button.



2. Press the [F1 (MEDIA)] button to specify the media that contains the song file that you want to delete.

Value	Media
INT	V-Piano Grand's internal memory
USB	USB memory connected to the USB Memory connector

3. Turn the [Value] dial to select the song file that you want to delete.



**NOTE** If you select "ALL," all song files will be deleted.

4. To delete the selected file(s), press the [F4 (EXECUTE)] button.

A confirmation message will appear.



If you decide to cancel without deleting, press the [F1 (CANCEL)] button.

5. To delete the file(s), press the [F4 (OK)] button.

**NOTE** Never turn off the power while a file is being deleted.

6. When deletion is completed, press the [Exit] button to return to the previous screen.

## Copying a Song (Copy SONG File)

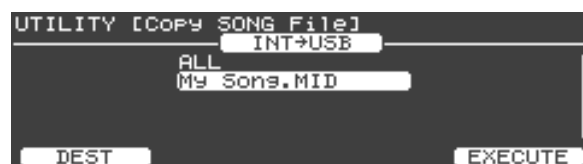
Here's how a song previously saved in the V-Piano Grand's internal memory can be copied to USB memory. A song saved on USB memory can also be copied to internal memory.

**NOTE** Audio files cannot be copied to internal memory.

1. In the File screen, turn the [Value] dial to select "Copy SONG File" and then press the [Enter] button or the [F1 (ENTER)] button.



2. Press the [F1 (DEST)] button to specify how copying is to occur.



Value	Description
INT->USB	Copies from the V-Piano Grand's internal memory to USB memory.
USB->INT	Copies from USB memory to the V-Piano Grand's internal memory.

3. Turn the [Value] dial to select the song file(s) to be copied.

**NOTE** If you choose "ALL," all song files will be copied.

4. To copy the selected file(s), press the [F4 (EXECUTE)] button.

**NOTE** While files are being copied, the screen will indicate "Executing..." Never turn off the power during this time.

**MEMO** If a file of the same name already exists, the confirmation message "Overwrite OK?" appears. If you want to overwrite the existing song file, press the [F4 (OK)] button. If you want to cancel the copy, press the [F1 (CANCEL)] button.

5. When copying is completed, press the [Exit] button to return to the previous screen.

## Formatting Internal Memory or USB Memory (Format)

This operation will erase all data stored in internal memory or USB memory.

### MEMO

When you execute this format operation, all data stored in internal memory or USB memory will be erased. Before you proceed, make sure that internal memory or USB memory does not contain important data.

### MEMO

Formatting the internal memory will erase data in the area that contains setup files and song files. User setups, user tones, and system settings will not be erased. If you want to erase this data, execute the "Factory Reset (Factory Reset All)" (p. 72) operation.

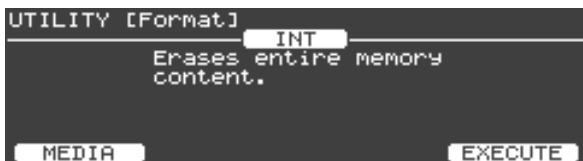
### MEMO

Formatting USB memory will not only erase all data in memory, it will also prepare the memory so that it can be used with the V-Piano Grand. Before newly purchased USB memory or USB memory that has been used by a computer can be used with the V-Piano Grand, you must first format the USB memory on the V-Piano Grand.

1. In the File screen, turn the [Value] dial to select "Format," and then press the [Enter] button or the [F1 (ENTER)] button.



2. The screen will indicate "Erases entire memory content."

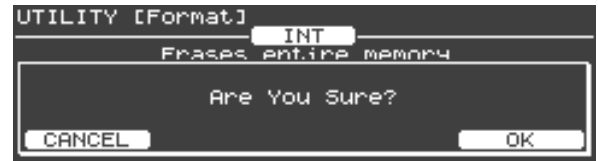


3. Press the [F1 (MEDIA)] button to specify the memory that you want to format.

Value	Description
INT	V-Piano Grand's internal memory
USB	USB memory connected to the USB Memory connector

4. To begin formatting, press the [F4 (EXECUTE)] button.

A confirmation message will appear.



If you decide to cancel without formatting, press the [F1 (CANCEL)] button.

5. To begin formatting, press the [F4 (OK)] button.

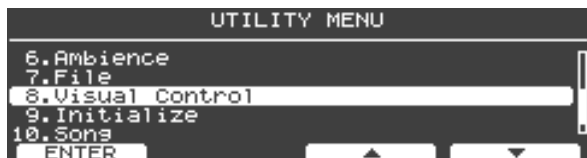
### MEMO

The message "Executing..." is shown while formatting is being done. Never turn off the power or disconnect USB memory during this time.

6. When formatting is finished, press the [Exit] button to return to the previous screen.

## Visual Control Settings (8. Visual Control)

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

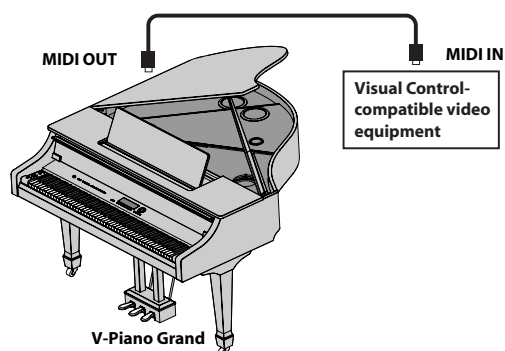


**MEMO**

You'll need a MIDI cable (sold separately) in order to connect the V-Piano Grand to a device that supports Visual Control.

## Connection Examples

Connect a MIDI cable from the V-Piano Grand's MIDI Out connector (p. 13) to the MIDI IN connector of your Visual Control compatible device.

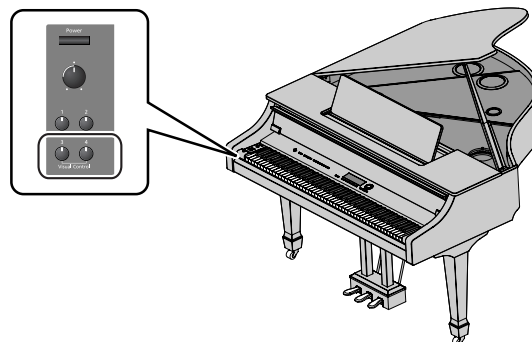


**NOTE**

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.

## Turning the Visual Control On/Off

1. **Simultaneously press the [3] and [4] buttons located at the left of the keyboard.**



Visual Control will be turned on, and the tone screen will indicate "Visual Control."

In this state, you can control images in synchronization with your performance by playing the V-Piano Grand's keyboard.

2. **To turn Visual Control off, once again simultaneously press the [3] and [4] buttons located at the left of the keyboard.**

The "Visual Control" indication will disappear from the tone screen.

## Visual Control Function Chart

Visual Control function	Transmitted MIDI message	V-Piano Grand operation
Switch images	CC 0 (Bank Select): 0-35	Play black keys
	Program Change: 1-52	Play white keys

## Visual Control Settings



Parameter	Value	Description
Switch	OFF, ON	Turns the Visual Control functionality on/off.
Mode	MIDI Visual Control, V-LINK	Selects the type of Visual Control.
Tx Channel	1-16	Specifies the MIDI channel on which MIDI messages will be transmitted.
Key Range	A0-C8	Selects the range of keys that will be used as Visual Control controllers. You can also specify this range from the keyboard by pressing the bottom key, then the top key, and then [Enter] button.
Local Switch	OFF, ON	Specifies whether the V-Piano Grand will (ON) or will not (OFF) produce sound when you play a key in the specified Key Range.

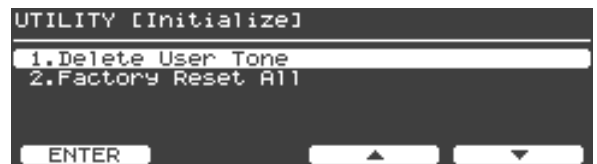
## Restoring the Factory Settings (9. Initialize)



## Deleting the User Tones (Delete User Tone)

Here's how to delete a specific user tone.

1. In the Initialize screen, turn the [Value] dial to select "Delete User Tone," and then press the [Enter] button or the [F1 (ENTER)] button.

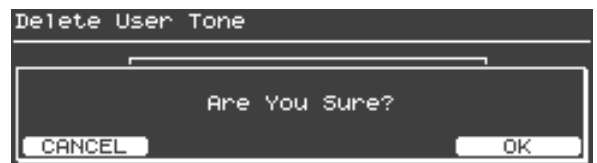


2. Turn the [Value] dial to select the user tone that you want to delete.



3. To delete the selected user tone, press the [F4 (EXECUTE)] button.

A confirmation message will appear.



If you decide to cancel without deleting, press the [F1 (CANCEL)] button.

4. To delete the user tone, press the [F4 (OK)] button.

### NOTE

The screen will indicate "Executing... Don't Power OFF" while the user tone is being deleted. Never turn off the power during this time.

5. When deletion is completed, press the [Exit] button to return to the previous screen.

## Factory Reset (Factory Reset All)

This will erase the user tones and user setups stored in the V-Piano Grand, resetting the V-Piano Grand's settings to the factory-set state.

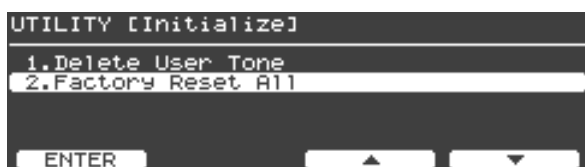
**NOTE** When you execute "Factory Reset All," all user setups and user tones will be lost. If you want to keep the contents of memory, save your data to USB memory (sold separately) as a setup file (p. 64).

**NOTE** All operations are disabled while the Factory Reset is being executed. Moreover, no sound be heard even if you play the keyboard.

**NOTE** If the V-Piano Grand is connected via USB to your computer, disconnect the USB cable before you execute this operation.

**MEMO** Factory Reset does not return the internal memory (the area in which song data and setup files are stored) to the factory-set state. If you want to return the V-Piano Grand's internal memory to the factory-set state, you must execute the format operation on the internal memory (p. 69).

1. In the Initialize screen, turn the [Value] dial to select "Factory Reset All," and then press the [Enter] button or the [F1 (ENTER)] button.



A confirmation message will appear.

The screen will indicate "Erases entire memory content and restores factory presets."

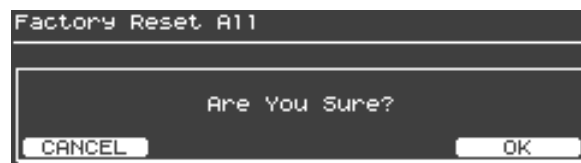
2. To execute the factory reset, press the [F4 (EXECUTE)] button.



To cancel without executing the factory reset, press the [Exit] button.

3. A confirmation message will appear once again.

To execute the factory reset, press the [F4 (OK)] button.



If you decide to cancel without executing, press the [F1 (CANCEL)] button or the [Exit] button.

**NOTE** The message "Executing... Don't Power OFF" is shown while the factory reset is being executed. Never turn off the power during this time.

When the factory reset is finished, the screen will indicate "Power off, then on."

4. Turn the V-Piano Grand's power off, and then on again.

## Playing or Recording a Song (10. Song)

When you select "10. Song," the Song screen will appear.

For details on operations in the Song screen, refer to "Playing Songs and Recording Your Performances" (p. 51).



## Saving a Setup (11. Setup Write)

Here's how a setup you've created can be saved as a user setup.

For details, refer to "Saving Your Settings (Setups)" (p. 48).



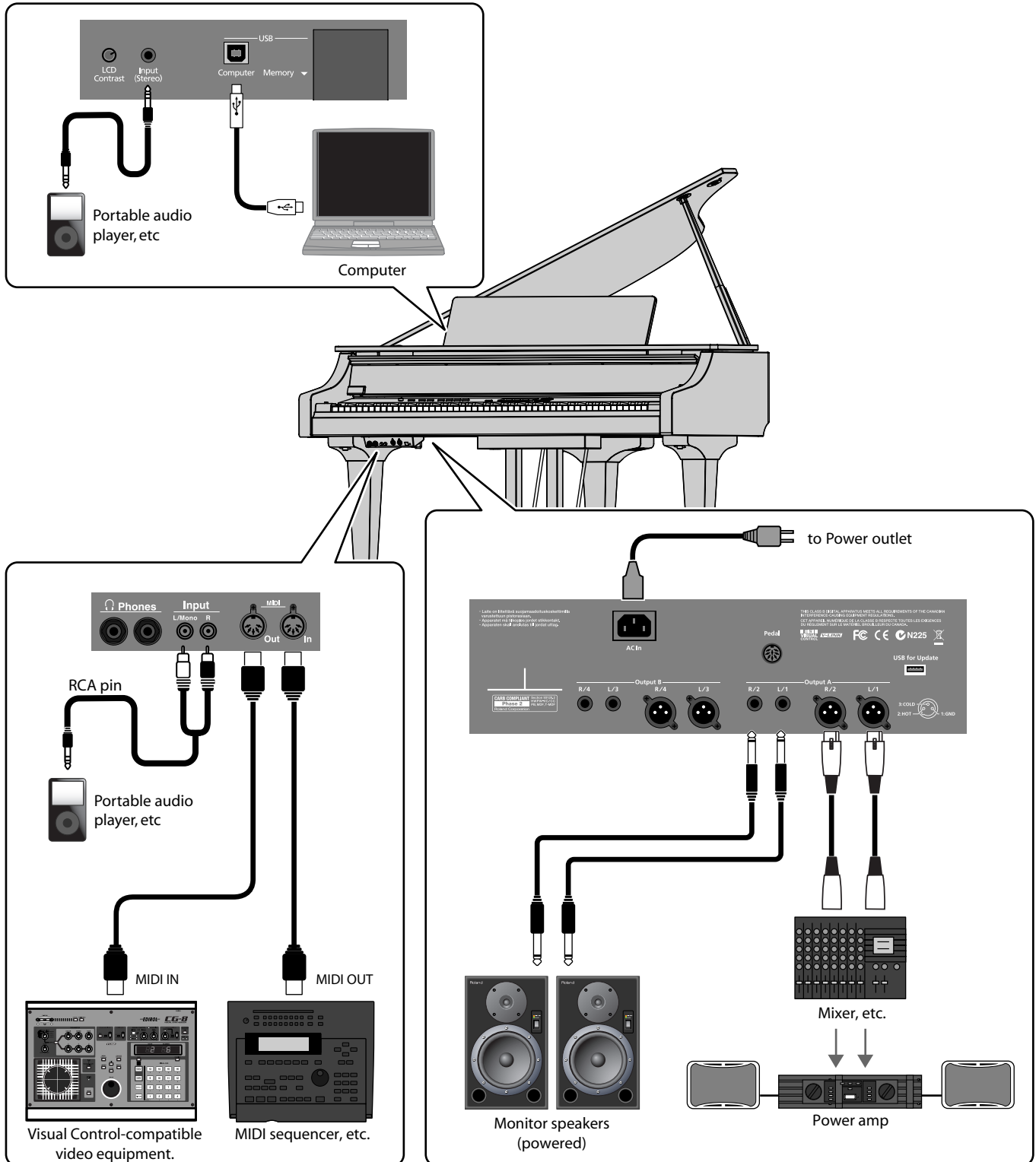
# Connecting to Other Devices

Connect your other equipment as shown in the illustrations below.

\* Audio cables, MIDI cables, and headphones are not included. Consult your Roland dealer if you need to purchase accessories such as these.

**NOTE**

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.



## Using the USB Memory

You can copy Setup files (p. 64) and song files to separately sold USB memory for safekeeping.

You can also play back SMF music files that are saved on USB memory, or play audio files from USB memory (p. 51).

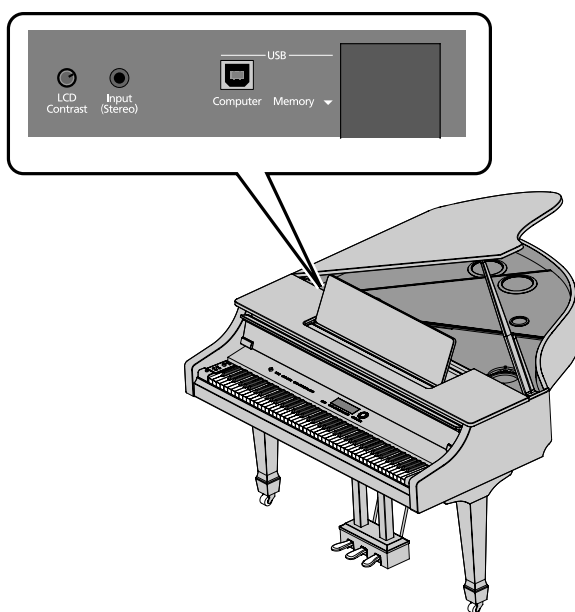
**NOTE**

Use USB memory sold by Roland. We cannot guarantee operation if other products are used.

## Connecting the USB Memory

**1. Connect your USB memory to the USB Memory connector (p. 14) located on jack panel 2.**

Carefully insert the USB memory all the way in, until it is firmly in place.



**NOTE**

Never insert or remove a USB memory while this unit's power is on. Doing so may corrupt the unit's data or the data on the USB memories.

**NOTE**

Carefully insert the USB memories all the way in—until it is firmly in place.

**MEMO**

If you're using new USB memory, you must first initialize (format) it on the V-Piano Grand. For details, refer to "Formatting Internal Memory or USB Memory (Format)" (p. 69).

## Installing the CD Drive

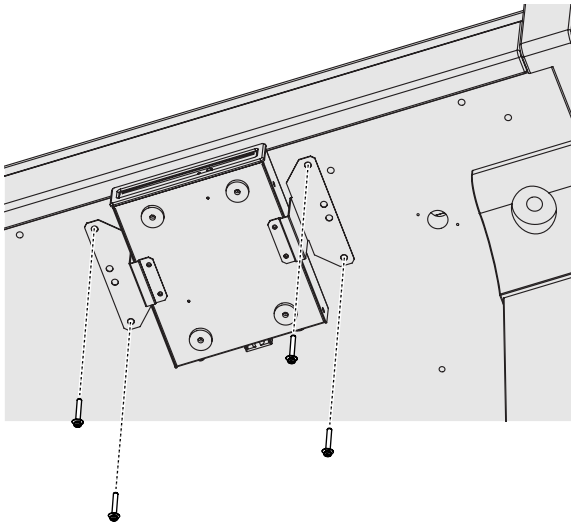
By connecting a CD drive, you can play back music CDs or CD-ROM discs on which SMF music file is saved.

### NOTE

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

1. **Switch off the power on the V-Piano Grand and your CD drive.**
2. **As shown in the illustration, use the holes in the bottom of the piano to attach the CD drive.**

\* For details, refer to the owner's manual for your CD drive (sold separately).



3. **Connect the included USB cable to the USB Memory connector located on jack panel 2 (p. 14).**

### NOTE

When connecting the USB cable, make sure that it is oriented correctly, and push it firmly all the way into the connector. Do not use excessive force.

4. **Switch on power to the connected CD drive.**
5. **Switch on the V-Piano Grand's power.**

### NOTE

For information on turning on/off your CD drive and how to insert or remove a CD, refer to the owner's manual that came with your CD drive.

## Precautions Concerning Use of the CD

- CDs that contain both music tracks and data will not play correctly.
- The V-Piano Grand is capable of playing back only commercial CDs that conform the official standards—those that carry the “COMPACT disc DIGITAL AUDIO” logo.
- The usability and sound quality of audio discs that incorporate copyright protection technology and other non-standard CDs cannot be guaranteed.
- You cannot save songs to CDs, and you cannot delete songs recorded to CDs. Furthermore, you cannot format CDs.

# Troubleshooting

If the V-Piano Grand does not function in the way you expect, first check the following points. If this does not resolve the problem, consult your dealer or a nearby Roland Service Center.

**NOTE**

If certain messages appear in the display during operation, please refer to "Error Messages" (p. 78).

Problem	Check/Solution	Page
Power not coming on	Is the V-Piano Grand's power cord properly plugged into a power outlet as well as connected to the V-Piano Grand?	p. 18
Buttons don't work	Could panel lock be active? <ul style="list-style-type: none"> <li>Disengage the panel lock.</li> </ul>	p. 36
No sound	Is the volume turned all the way down?	p. 19
	Are sounds audible with headphones connected? <ul style="list-style-type: none"> <li>If sounds are audible through headphones, it may indicate that there is a short in an audio cable or some sort of amp or mixer problem. Check the cables and equipment once again.</li> </ul>	p. 21
	Could headphones be connected? Could headphones or a headphone plug adaptor have been left inserted in the Phones jack? <ul style="list-style-type: none"> <li>No sound will be produced from the speakers if headphones or an adaptor plug is inserted in the Phones jack.</li> </ul>	p. 21
	Is the Local Switch set to OFF? <ul style="list-style-type: none"> <li>Set the Local Switch to ON.</li> </ul>	p. 59
	Could the volume have been lowered by pedal operations or by MIDI messages (volume messages and expression messages) received from an external MIDI device or from song data? <ul style="list-style-type: none"> <li>Raise the Master Volume.</li> <li>Try switching Tones.</li> </ul>	p. 58 p. 29
	Is Visual Control switched on? <ul style="list-style-type: none"> <li>If you set the Visual Control setting Local ON/OFF to the Local On setting, you'll be able to play sounds from the keyboard even if Visual Control is on.</li> </ul>	p. 70
No sound from the connected MIDI device	Does the V-Piano Grand's MIDI transmit channel match the MIDI receive channel of the connected MIDI device? <ul style="list-style-type: none"> <li>Set the MIDI transmit channel.</li> </ul>	p. 63
Tones are altered	Did you call up a Setup? <ul style="list-style-type: none"> <li>When a Setup is called up, the current Tone and other settings are disabled, and the selected Setup goes into effect. Resave required settings to a Setup.</li> </ul>	-
	If you're using a monaural connection, the tonal character may change depending on the Tone or the register. <ul style="list-style-type: none"> <li>In order to enjoy the V-Piano Grand's sound to its fullest potential, we recommend a stereo connection.</li> <li>If you're using a monaural connection, set Line Out Mode to MONO.</li> </ul>	p. 59
Sound is distorted	Some equalizer settings may cause the sound to distort. Try adjusting the equalizer's Input Gain.	p. 33
Pitch is odd	Depending on the Tone selected, pitches played in certain registers will be changed and played at other pitches.	-
	Have settings for Stretch Tune been made?	p. 44
	Has the V-Piano Grand gone out of tune? Check the following settings. <ul style="list-style-type: none"> <li>Master Tune settings</li> <li>Temperament settings</li> </ul>	p. 58
	Have you set Transpose?	p. 35
The volume level of the instrument connected to the Input connector is too low.	Could you be using a connection cable that contains a resistor? Use a connection cable that does not contain a resistor.	-
Even though you're using headphones and the sound is muted, a thumping sound is heard when you play the keyboard	The V-Piano Grand uses a hammer action keyboard in order to simulate an acoustic piano's playing touch as realistically as possible. The thump of the hammers will be heard when you play the keyboard; this is not a malfunction. If vibration transmitted to the floor or walls is a concern, you may be able to minimize the vibration by moving the piano away from the wall, or by laying down a commercially available anti-vibration mat designed for use with pianos.	-
Song data not played back correctly	Is the audio data playable? <ul style="list-style-type: none"> <li>Make sure that the audio data can be played by the V-Piano Grand.</li> </ul>	p. 55
Nothing appears in the screen	Since the V-Piano Grand uses a liquid crystal screen, it may happen that no text or graphics appear in the screen if the temperature is below zero degrees Celsius (32 degrees Fahrenheit).	-
Vertical lines appear in the screen/ Color is "washed out" at the edges of the screen	These occur due to the nature of a liquid crystal display, and do not indicate a malfunction. They can be minimized by adjusting the contrast of the screen.	p. 22
Pedal does not work, or is "stuck"/ Pedal does not operate correctly	Is the pedal connected correctly? <ul style="list-style-type: none"> <li>Plug the cord firmly into the Pedal connector.</li> </ul>	p. 13

Problem	Check/Solution	Page
Can't read or write USB memory successfully	Are you using (optional) Roland USB memory? <ul style="list-style-type: none"> <li>• Reliable performance cannot be guaranteed if you use non-Roland USB memory products.</li> </ul>	–
	If you are unable to read or write USB memory successfully, change the USB Memory Mode setting.	p. 59
Reverberation remains even if you turn off the ambience effect	Since the V-Piano Grand simulates the sympathetic resonance of the strings, you may hear what sounds like reverberation even when Ambience is turned off.	–
The sound of the higher notes suddenly changes from a certain key	The tonal character will change at boundaries where there is a change in the number of strings per key or between wound and unwound strings.	–
High-pitched ringing is heard	Piano sounds that have a brilliant and crisp character contain substantial high-frequency components that may sound as though a metallic ringing has been added. This is because the character of an actual piano is being faithfully reproduced, and is not a malfunction. This ringing is more obtrusive if the ambience effect is applied heavily, so you may be able to minimize it by decreasing the ambience.	p. 32
Low notes sound wrong, or are buzzy	With certain tones, the sounds may seem to be distorted. Turn down the volume. Alternatively, lower the master gain setting.	p. 19
Can't rewind or fast-forward	You can not rewind or fast-forward while music files are being read in. Wait until processing finishes.	–
	If you attempt to play back performance data that contains more data than the entire capacity of the V-Piano Grand's memory, you may find that operations other than playback (such as rewind or fast-forward) become unavailable.	–
Songs in USB memory are not played immediately	SMF music files comes in two types; formats 0 and 1. <ul style="list-style-type: none"> <li>• In the case of format 1 data, it may take a certain amount of time for playback to begin. The format type is indicated on the booklet for the music files you're using.</li> </ul>	–

# Error Messages

Indication:	Situation:	Action:
<b>01 You can only read the music file.</b>	You can only read the music file. It can not be saved.	–
<b>02 An error occurred during writing.</b>	An error occurred during writing.	If this error occurs while saving to USB memory, try initializing (formatting) the USB memory (p. 69).
<b>10 No storage media is inserted.</b>	No external media is inserted.	Insert the external media and try again.
<b>11 Insufficient free memory at the save destination.</b>	There is not enough free memory in the save destination.	Either use different external media, or delete unneeded files before you try the operation again.
<b>14 An error occurred during reading.</b>	An error occurred during reading. The external media may be corrupted.	–
<b>15 The data format is not compatible with this instrument.</b>	The file is unreadable. The data format is not compatible with the V-Piano Grand.	Only files in the following formats can be used. <ul style="list-style-type: none"> <li>• Setup files with an extension of “vsu”</li> <li>• SMF music files with an extension of “mid”</li> <li>• Audio files with an extension of “wav” or “mp3”</li> </ul> For details on audio file formats, refer to “Types of Audio Data That the V-Piano Grand Can Play” (p. 55).
<b>16 Data could not be read fast enough for playback of the song.</b>	Data was not called up in time for playback of the song.	You may be able to play the song after waiting a few seconds.
<b>18 The audio data format is not compatible with this instrument.</b>	The audio data format is not compatible with this instrument.	Use audio files of a format that meets the requirements given in “Types of Audio Data That the V-Piano Grand Can Play” (p. 55).
<b>30 The internal memory capacity of the V-Piano is full.</b>	The internal memory capacity of the V-Piano Grand is full.	–
<b>40 The instrument can’t deal with the excessive MIDI data.</b>	The V-Piano Grand cannot deal with the excessive MIDI data sent from the external MIDI device.	Reduce the amount of MIDI data sent to the V-Piano Grand.
<b>41 A MIDI cable has been disconnected.</b>	A MIDI cable has been disconnected.	Connect it properly and securely.
<b>43 A MIDI transmission error has occurred.</b>	A MIDI transmission error has occurred.	Check the MIDI cable and connected MIDI device.
<b>51 System error. Repeat procedure, or power off, then on.</b>	There may be a problem with the system.	Repeat the procedure from the beginning. If it is not solved after you have tried several times, contact a Roland Service Center.
<b>65 The USB Memory port was subjected to excessive current.</b>	The USB Memory connector was subjected to excessive current.	Make sure that there is no problem with the USB memory, then turn the power off, then on again.

# List of Shortcuts

By operating two or more buttons, knobs, or pedals simultaneously, you can directly and efficiently access a related function.

Function	Operation	Page
Change whether the tone buttons ([Tone 1] button – [Tone 4] button) will select tones or setups (i.e., change the Tone Button Mode)	Hold down the [Function] button and press the [F1] button	p. 48
Panel Lock on/off	Hold down the [Function] button and press a [Tone 1]–[Tone 4] button	p. 36
Assign a function to a pedal (access the Pedal Assign screen)	Hold down the [Function] button and press a pedal	p. 39
Select the Ambience type (access the Ambience setting screen)	Hold down the [Function] button and turn the [Ambience] knob	p. 32
Access the Utility screen	Hold down the [Write] button and press the [Exit] button	p. 56
Access the V-PIANO DEMO screen	Hold down the [Song] button and press the [Transpose] button	p. 28

# Specifications

## Digital Piano: Roland V-Piano Grand (GP-7)

Keyboard	
Keyboard	88 keys (PHAIII Ivory feel keyboard)
Sound Generator (V-Piano)	
Part	1 part
Maximum Number of Tone-producing Virtual Strings	264-string (varies according to the sound generator load)
Tones	Preset: 30 tones User: 100 tones
Setups	100
V-Piano Editing Parameters	Unison Tune Hammer Hardness Cross Resonance Stretch Tune String Resonance Soundboard Resonance Damper Resonance Key Off Resonance Damping Time Damper Noise Level Decay Time Soft Pedal Sense Sound Lift Tone Color Tone EQ
Master Tuning	415.3–466.2 Hz (Adjustable in increments of 0.1 Hz)
Effects	Ambience: 15 types 4-band digital equalizer
Sound Generator (GM2: playable via SMF and MIDI)	
Parts	16 parts
Max. Polyphony	128 voices
Tones	256 tones
Effects	Reverb: 8 types Chorus: 1 type
Sequencer	
Playable Song Format	Standard MIDI files (Format 0/1) Audio file: WAV (44.1 kHz, 16-bit linear), MP3
Recording File Format	Standard MIDI file: format 0
Number of Recording Tracks	1 track (realtime recording)
Note Storage	Approx. 30,000 notes
Controls	Play/Stop Backward Forward Tempo change Transpose Center cancel (only for audio playback)
Tempo	Quarter note = 10–500 Audio playback speed: 75–125%
Resolution	120 ticks per quarter note
Metronome	Beat: 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 Volume: Off, 1–10
Song Length	Max 999 measures

Others	
<b>Rated Power Output</b>	60 W x 4
<b>Volume Level (SPL)</b>	112 dB * This value was measured according to the method that is based on Roland's technical standard.
<b>Speakers</b>	30 cm x 1, 12 cm x 4, 5 cm x 3
<b>Display</b>	Graphic LCD 240 x 64 dots
<b>Controls</b>	Volume knob Ambience knob
<b>Pedal</b>	Damper (Progressive Damper Action Pedal, capable of continuous detection) Soft (capable of continuous detection, function assignable) Sostenuto (function assignable)
<b>Connectors</b>	Output jack A (L, R): 1/4-inch phone type, XLR type Output jack B (L, R): 1/4-inch phone type, XLR type Input jack (L/MONO, R): RCA phono type Input jack: Stereo miniature phone type Pedal connector MIDI connectors (In, Out), USB connector (Computer, Memory, For update) Phones jack: Stereo 1/4-inch phone type AC In
<b>Power Consumption</b>	180 W
<b>Dimensions</b>	(top opened) 1,485 (W) x 1,505 (D) x 1,544 (H) mm 58-1/2 (W) x 59-1/4 (D) x 60-13/16 (H) inches  (top closed) 1,485 (W) x 1,505 (D) x 939 (H) mm 58-1/2 (W) x 59-1/4 (D) x 37 (H) inches
<b>Weight</b>	170 kg / 374 lbs
<b>Accessories</b>	Owner's manual Headphone hook Caster caps Key cover Maintenance kit V-PIANO Editor CD-ROM USB cable Screw set Power cord
<b>Options (sold separately)</b>	CD drive Audio cable MIDI cable USB flash memory

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

# About the Ivory Feel Keyboard

## Features of an Ivory Feel Keyboard

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

An Ivory Feel keyboard offers the following features.

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

## Handling

- Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.
- Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.

## Care and Maintenance

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

- To remove dirt, use a soft cloth.  
Using a moistened and tightly wrung-out cloth, gently wipe off any dirt.  
Do not rub the surface vigorously.
- To remove stubborn dirt, use a commercially available keyboard cleaner that does not contain abrasives.  
Start by wiping lightly.  
If the dirt does not come off, wipe using gradually increasing amounts of pressure while taking care not to scratch the keys.
- Do not use benzene, paint thinner, or alcohol on the instrument.

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For EU Countries

This product complies with the requirements of EMCD 2004/108/EC and LVD 2006/95/EC.

For the USA

## FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.  
This equipment requires shielded interface cables in order to meet FCC class B Limit.

For Canada

### NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

### AVIS

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

For C.A. US (Proposition 65)

### WARNING

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

For the USA

## DECLARATION OF CONFORMITY Compliance Information Statement

Model Name : GP-7  
Type of Equipment : Digital Piano  
Responsible Party : Roland Corporation U.S.  
Address : 5100 S. Eastern Avenue, Los Angeles, CA 90040-2938  
Telephone : (323) 890 3700

## For EU Countries



- UK** This symbol indicates that in EU countries, this product must be collected separately from household waste, as defined in each region. Products bearing this symbol must not be discarded together with household waste.
- DE** Dieses Symbol bedeutet, dass dieses Produkt in EU-Ländern getrennt vom Hausmüll gesammelt werden muss gemäß den regionalen Bestimmungen. Mit diesem Symbol gekennzeichnete Produkte dürfen nicht zusammen mit den Hausmüll entsorgt werden.
- FR** Ce symbole indique que dans les pays de l'Union européenne, ce produit doit être collecté séparément des ordures ménagères selon les directives en vigueur dans chacun de ces pays. Les produits portant ce symbole ne doivent pas être mis au rebut avec les ordures ménagères.
- IT** Questo simbolo indica che nei paesi della Comunità europea questo prodotto deve essere smaltito separatamente dai normali rifiuti domestici, secondo la legislazione in vigore in ciascun paese. I prodotti che riportano questo simbolo non devono essere smaltiti insieme ai rifiuti domestici. Ai sensi dell'art. 13 del D.Lgs. 25 luglio 2005 n. 151.
- ES** Este símbolo indica que en los países de la Unión Europea este producto debe recogerse aparte de los residuos domésticos, tal como esté regulado en cada zona. Los productos con este símbolo no se deben depositar con los residuos domésticos.
- PT** Este símbolo indica que nos países da UE, a recolha deste produto deverá ser feita separadamente do lixo doméstico, de acordo com os regulamentos de cada região. Os produtos que apresentem este símbolo não deverão ser eliminados juntamente com o lixo doméstico.
- NL** Dit symbool geeft aan dat in landen van de EU dit product gescheiden van huishoudelijk afval moet worden aangeboden, zoals bepaald per gemeente of regio. Producten die van dit symbool zijn voorzien, mogen niet samen met huishoudelijk afval worden verwijderd.
- DK** Dette symbol angiver, at i EU-lande skal dette produkt opsamlles adskilt fra husholdningsaffald, som defineret i hver enkelt region. Produkter med dette symbol må ikke smides ud sammen med husholdningsaffald.
- NO** Dette symbolet indikerer at produktet må behandles som spesialavfall i EU-land, iht. til retningslinjer for den enkelte regionen, og ikke kastes sammen med vanlig husholdningsavfall. Produkter som er merket med dette symbolet, må ikke kastes sammen med vanlig husholdningsavfall.

- SE** Symbolen anger att i EU-länder måste den här produkten kasseras separat från hushållsavfall, i enlighet med varje regions bestämmelser. Produkter med den här symbolen får inte kasseras tillsammans med hushållsavfall.
- FI** Tämä merkintä ilmaisee, että tuote on EU-maissa kerättävä erillään kotitalousjätteistä kunkin alueen voimassa olevien määräysten mukaisesti. Tällä merkinnällä varustettuja tuotteita ei saa hävittää kotitalousjätteiden mukana.
- HU** Ez a szimbólum azt jelenti, hogy az Európai Unióban ezt a terméket a háztartási hulladéktól elkülönítve, az adott régióban érvényes szabályozás szerint kell gyűjteni. Az ezzel a szimbóllal ellátott termékeket nem szabad a háztartási hulladék közé dobni.
- PL** Symbol oznacza, że zgodnie z regulacjami w odpowiednim regionie, w krajach UE produktu nie należy wyrzucać z odpadami domowymi. Produktów opatrzonych tym symbolem nie można utylizować razem z odpadami domowymi.
- CZ** Tento symbol udává, že v zemích EU musí být tento výrobek sbírán odděleně od domácího odpadu, jak je určeno pro každý region. Výrobky nesoucí tento symbol se nesmí vyhazovat spolu s domácím odpadem.
- SK** Tento symbol vyjadruje, že v krajinách EÚ sa musí zber tohto produktu vykonávať oddelene od domového odpadu, podľa nariadení platných v konkrétnej krajine. Produkty s týmto symbolom sa nesmú vyhazovať spolu s domovým odpadom.
- EE** See sümbol näitab, et EL-i maades tuleb see toode olemprügist eraldi koguda, nii nagu on igas piirkonnas määratletud. Selle sümboliga märgitud tooteid ei tohi ära visata koos olmeprügiga.
- LT** Šis simbolis rodo, kad ES šalyse šis produktas turi būti surenkamas atskirai nuo buitinių atliekų, kaip nustatyta kiekviename regione. Šiuo simboliu paženklinėti produktai neturi būti išmetami kartu su buitiniėmis atliekomis.
- LV** Šis simbols norāda, ka ES valstīs šo produktu jāievāc atsevišķi no mājsaimniecības atkritumiem, kā noteikts katrā reģionā. Produktus ar šo simbolu nedrīkst izmest kopā ar mājsaimniecības atkritumiem.
- SI** Ta simbol označuje, da je treba proizvod v državah EU zbirati ločeno od gospodinjjskih odpadkov, tako kot je določeno v vsaki regiji. Proizvoda se tem znakom ni dovoljeno odlagati skupaj z gospodinjjskimi odpadki.
- GR** Το σύμβολο αυτό υποδηλώνει ότι στις χώρες της Ε.Ε. το συγκεκριμένο προϊόν πρέπει να συλλέγεται χωριστά από τα υπόλοιπα οικιακά απορρίμματα, σύμφωνα με όσα προβλέπονται σε κάθε περιοχή. Τα προϊόντα που φέρουν το συγκεκριμένο σύμβολο δεν πρέπει να απορρίπτονται μαζί με τα οικιακά απορρίμματα.

## For China

### 有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。  
本资料适用于 2007 年 3 月 1 日以后本公司所制造的产品。

#### 环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在自制造日起的规定的期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。

#### 产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳(壳体)	×	○	○	○	○	○
电子部件(印刷电路板等)	×	○	×	○	○	○
附件(电源线、交流适配器等)	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。  
×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。  
因根据现有的技术水平，还没有什么物质能够代替它。

## Information

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

### AFRICA

#### EGYPT

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

#### REUNION

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

#### SOUTH AFRICA

**T.O.M.S. Sound & Music (Pty)Ltd.**  
2 ASTRON ROAD DENVER  
JOHANNESBURG ZA 2195,  
SOUTH AFRICA  
TEL: (011) 417 3400

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

### ASIA

#### CHINA

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

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

#### HONG KONG

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

#### Parsons Music Ltd.

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

#### INDIA

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

#### INDONESIA

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

#### KOREA

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

#### MALAYSIA/ SINGAPORE

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

#### PHILIPPINES

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

#### TAIWAN

**ROLAND TAIWAN ENTERPRISE  
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9F-5, No. 112 Chung Shan  
North Road Sec. 2 Taipei 104,  
TAIWAN R.O.C.  
TEL: (02) 2361 3339

#### THAILAND

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

#### VIET NAM

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

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

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

### CENTRAL/LATIN AMERICA

#### ARGENTINA

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

#### BARBADOS

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

#### BRAZIL

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

#### CHILE

**Comercial Fancy II S.A.**  
Rut.: 96.919.420-1  
Nataaniel Cox #739, 4th Floor  
Santiago - Centro, CHILE  
TEL: (02) 688-9540

#### COLOMBIA

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

#### COSTA RICA

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

#### CURACAO

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

#### DOMINICAN REPUBLIC

**Instrumentos Fernando Giraldez**  
Calle Proyecto Central No.3  
Ens.La Esperilla  
Santo Domingo,  
DOMINICAN REPUBLIC  
TEL: (809) 683 0305

#### ECUADOR

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

#### EL SALVADOR

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

#### GUATEMALA

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

#### HONDURAS

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

#### MARTINIQUE

**Musique & Son  
Z.I.Les Mangle**  
97232 Le Lamentin,  
MARTINIQUE F.W.I.  
TEL: 596 596 426860

#### Gigamusic SARL

10 Rte De La Folie  
97200 Fort De France  
MARTINIQUE F.W.I.  
TEL: 596 596 715222

#### MEXICO

**Casa Veerkamp, s.a. de c.v.**  
Av. Toluca No.323, Col. Olivar  
de los Padres 01780 Mexico D.F.,  
MEXICO  
TEL: (55) 5668-6699

#### NICARAGUA

**Bansbach Instrumentos  
Musicales Nicaragua**  
Altamira D'Este Calle Principal de  
la Farmacia 5ta.Avenida  
1 Cuadra al Lago.#503  
Managua, NICARAGUA  
TEL: (505) 277-2557

#### PANAMA

**SUPRO MUNDIAL, S.A.**  
Boulevard Andrews, Albrook,  
Panama City, REP. DE PANAMA  
TEL: 315-0101

#### PARAGUAY

**Distribuidora De Instrumentos  
Musicales**  
J.E. Olear y ESQ. Manduvira  
Asuncion, PARAGUAY  
TEL: (595) 21 492147

#### PERU

**Audionet**  
Distribuciones Musicales SAC  
Juan Fanning 530  
Miraflores  
Lima - PERU  
TEL: (511) 4461388

#### TRINIDAD

**AMR Ltd**  
Ground Floor  
Maritime Plaza  
Barataria TRINIDAD W.I.  
TEL: (868) 638 6385

#### URUGUAY

**Todo Musica S.A.**  
Francisco Acuna de Figueroa  
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C.P.: 11.800  
Montevideo, URUGUAY  
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#### VENEZUELA

**Instrumentos Musicales  
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Av.las industrias edf.Guitar import  
#7 zona Industrial de Turumo  
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TEL: (212) 244-1122

### EUROPE

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**Roland Central Europe N.V.**  
Houtstraat 3, B-2260, Oevel  
(Westerlo) BELGIUM  
TEL: (014) 575811

#### CROATIA

**ART-CENTAR**  
Degenova 3.  
HR - 10000 Zagreb, CROATIA  
TEL: (1) 466 8493

#### CZECH REP.

**CZECH REPUBLIC DISTRIBUTOR  
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Votárova 247/16  
180 00 Praha 8, CZECH REP.  
TEL: (2) 830 20270

#### DENMARK

**Roland Scandinavia A/S**  
Skagerrakvej 7 Postbox 880  
DK-2100 Copenhagen,  
DENMARK  
TEL: 3916 6200

#### FINLAND

**Roland Scandinavia As, Filial  
Finland**  
Vanha Nurmijarventie 62  
01670 Vantaa, FINLAND  
TEL: (0) 9 68 24 020

#### GERMANY/AUSTRIA

**Roland Elektronische  
Musikinstrumente HmbH.**  
Oststrasse 96, 22844 Norderstedt,  
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TEL: (040) 52 60090

#### GREECE/CYPRUS

**STOLLAS S.A.**  
**Music Sound Light**  
155, New National Road  
Patras 26442, GREECE  
TEL: 2610 435400

#### HUNGARY

**Roland East Europe Ltd.**  
2045. Törökbalint, FSD Park 3. ép.,  
HUNGARY  
TEL: (23) 511011

#### IRELAND

**Roland Ireland**  
E2 Calmount Park, Calmount  
Avenue, Dublin 12,  
Republic of IRELAND  
TEL: (01) 4294444

#### ITALY

**Roland Italy S. p. a.**  
Viale delle Industrie 8,  
20020 Arese, Milano, ITALY  
TEL: (02) 937-78300

#### NORWAY

**Roland Scandinavia Avd.  
Kontor Norge**  
Lilleakerveien 2 Postboks 95  
Lilleaker N-0216 Oslo,  
NORWAY  
TEL: 2273 0074

#### POLAND

**ROLAND POLSKA SP. Z O.O.**  
ul. Kty Grodziskie 16B  
03-289 Warszawa, POLAND  
TEL: (022) 678 9512

#### PORTUGAL

**Roland Systems Group EMEA, S.L.  
Branch Office Porto**  
Edificio Tower Plaza  
Rotunda Eng. Edgar Cardoso  
23, 9ºG  
4400-676 Vila Nova de Gaia,  
PORTUGAL  
TEL: (+351) 22 608 00 60

#### ROMANIA

**FBS LINES**  
Piata Libertatii 1,  
535500 Gheorgheni, ROMANIA  
TEL: (266) 364 609

#### RUSSIA

**Roland Music LLC**  
Dorozhnaya ul.3,korp.6  
117 545 Moscow, RUSSIA  
TEL: (495) 981-4967

#### SERBIA

**Music AP Ltd.**  
Sutjeska br. 5 XS - 24413 Palic,  
SERBIA  
TEL: (024) 539 395

#### SLOVAKIA

**DAN Acoustic s.r.o.**  
Povazská 18.  
SK - 940 01 Nové Zámky,  
SLOVAKIA  
TEL: (035) 6424 330

#### SPAIN

**Roland Systems Group EMEA, S.L.**  
Paseo Garcia Faria, 33-35  
08005 Barcelona, SPAIN  
TEL: 93 493 91 00

#### SWEDEN

**Roland Scandinavia A/S**  
**SWEDISH SALES OFFICE**  
Märbackagatan 31, 4 tr.  
SE-123 43 Farsta, SWEDEN  
TEL: (0) 8 683 04 30

#### SWITZERLAND

**Roland (Switzerland) AG**  
Landstrasse 5, Postfach,  
CH-4452 Itingen, SWITZERLAND  
TEL: (061) 975-9987

#### UKRAINE

**EURHYTHMICS Ltd.**  
P.O.Box: 37-a.  
Nedecey Str. 30  
UA - 89600 Mukachevo, UKRAINE  
TEL: (03131) 414-40

#### UNITED KINGDOM

**Roland (U.K.) Ltd.**  
Atlantic Close, SWANSEA SA7 9EJ,  
UNITED KINGDOM  
TEL: (01792) 702701

### MIDDLE EAST

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**Moon Stores**  
No.1231&1249 Rumaytha  
Building Road 3931,  
Manama 339, BAHRAIN  
TEL: 17 813 942

#### IRAN

**MOCO INC.**  
Jadeh Makhsoos Karaj (K-9),  
Nakhe Zarin Ave.  
Jalal Street, Reza Alley No.4  
Tehran 1389716791, IRAN  
TEL: (021)-44545370-5

#### ISRAEL

**Halilit P Greenspoon & Sons  
Ltd.**  
8 Retzif Ha'alia Hashnha St.  
Tel-Aviv-Yafó ISRAEL  
TEL: (03) 6823666

#### JORDAN

**MUSIC HOUSE CO. LTD.**  
**FREDDY FOR MUSIC**  
P. O. Box 922846  
Amman 11192, JORDAN  
TEL: (06) 5692696

#### KUWAIT

**EASA HUSAIN AL-YOUSIFI &  
SONS CO.**  
Al-Yousifi Service Center  
P.O.Box 126 (Safat) 13002,  
KUWAIT  
TEL: 00 965 802929

#### LEBANON

**Chahine S.A.L.**  
George Zeidan St., Chahine Bldg.,  
Achrafieh, P.O.Box: 16-5857  
Beirut, LEBANON  
TEL: (01) 20-1441

#### OMAN

**TALENTZ CENTRE L.L.C.**  
Malatan House No.1  
Al Noor Street, Ruwi  
SULTANATE OF OMAN  
TEL: 2478 3443

#### QATAR

**AL-EMADI TRADING &  
CONTRACTING CO.**  
P.O. Box 62, Doha, QATAR  
TEL: 4423-554

#### SAUDI ARABIA

**aDawlah Universal Electronics**  
**APL**  
Behind Pizza Inn  
Prince Turkey Street  
aDawlah Building,  
PO BOX 2154,  
Alkhubar 31952,  
SAUDI ARABIA  
TEL: (03) 8643601

#### SYRIA

**Technical Light & Sound Center**  
PO Box 13520 Bldg No.49  
Khaled Abn Alwalid St.  
Damascus, SYRIA  
TEL: (011) 223-5384

#### TURKEY

**ZUHAY DIS TICARET A.S.**  
Galip Dede Cad. No.33  
Beyoglu, Istanbul, TURKEY  
TEL: (0212) 249 85 10

#### U.A.E.

**Zak Electronics & Musical  
Instruments Co. L.L.C.**  
Zabel Road, Al Sherouq Bldg.,  
No. 14, Ground Floor, Dubai,  
U.A.E.  
TEL: (04) 3360715

### NORTH AMERICA

#### CANADA

**Roland Canada Ltd.**  
**(Head Office)**  
5480 Parkwood Way Richmond B.  
C., V6V 2M4, CANADA  
TEL: (604) 270 6626

#### Roland Canada Ltd.

**(Toronto Office)**  
170 Admiral Boulevard  
Mississauga On L5T 2N6,  
CANADA  
TEL: (905) 362 9707

#### U. S. A.

**Roland Corporation U.S.**  
5100 S. Eastern Avenue  
Los Angeles, CA 90040-2938,  
U. S. A.  
TEL: (323) 890 3700

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