# FP-7F

Owner's Manual

# Introduction

## Full-fledged Piano Performance

The FP-7F features the SuperNATURAL piano sound generator and the PHA III Ivory Feel-S keyboard.

You'll enjoy full-fledged piano performances with richly expressive piano sounds and a keyboard that allows you to express every nuance of your musical inspiration.

## Functions for Even More Playing Enjoyment

### Looper (p. 60)

This lets you layer your performance with a looper rhythm, and play it back repeatedly.

The recorded phrases can also be saved in USB memory (sold separately) and used with the Audio Key function.

### Session Partner (p. 44)

This provides a realistic-sounding accompaniment for your performance, letting you enjoy the sensation of playing a session with a backing band.

### Microphone (p. 76)

By connecting a microphone (sold separately), you'll be able to easily add harmony using the Looper or Session Partner function.

### Audio Key (p. 31)

Allows you to play back audio files that you've saved on USB memory (sold separately) while you perform.

You can also switch between audio files at the desired timing.

### Registrations (p. 49)

Favorite settings, such as your choice of sounds and Session Partner settings, can be saved as a "registration" and easily recalled.

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### Conventions in this Manual

- Text enclosed in square brackets [ ] indicates the name of a button or a knob, such as the [DISPLAY] button.

- Lines that begin with an asterisk * are cautionary statements that you must be sure to read.

- The numbers of pages that you can turn to for additional, related information are given like this: (p. **).

- 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 (the names of tones, rhythms, looper rhythms, etc.), so what you actually see in the display may not always match what appears in the manual.

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Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" (p. 6), and "IMPORTANT NOTES" (p. 8). 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.

# Contents

# USING THE UNIT SAFELY

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

## About ⚠ WARNING and ⚠ CAUTION Notices

| ⚠ **WARNING** | Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly. |
|---|---|
| ⚠ **CAUTION** | Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly.<br><br>* 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. |

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## ALWAYS OBSERVE THE FOLLOWING

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### ⚠ WARNING

**Do not disassemble or modify**

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

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

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

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

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

**Use only a stand that is recommended**

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

**Do not place in an unstable location**

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

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### ⚠ WARNING

**Connect the AC adaptor to an outlet of the correct voltage**

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

**Use only the included power cord**

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

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

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

**Avoid extended use at high volume**

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

**Do not allow foreign objects or liquids to enter the unit, and do not place containers of liquid on the unit**

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

# ⚠WARNING

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

- The AC adaptor, the power-supply cord, or the plug has been damaged; or
- If smoke or unusual odor occurs
- 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.

### Do not allow children to use without supervision
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.

### Do not drop or subject to strong impact
Protect the unit from strong impact.

(Do not drop it!)

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

### Do not use overseas
Before using the unit in a foreign country, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.

# ⚠ CAUTION

### Place in a well ventilated location
The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation.

### Use only the specified stands
This (FP-7F) for use only with Roland stand KSC-44. Use with other stands is capable of resulting in instability causing possible injury.

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

# ⚠ CAUTION

### Grasp the plug when connecting or disconnecting the power cord
Always grasp only the plug on the AC adaptor cord when plugging into, or unplugging from, an outlet or this unit.

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

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

### Do not stand or place heavy objects on this device
Never climb on top of, nor place heavy objects on the unit.

### Do not connect or disconnect the AC adaptor with wet hands
Never handle the AC adaptor or its plugs with wet hands when plugging into, or unplugging from, an outlet or this unit.

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

- Check to make sure the knob bolts securing the unit to the stand have not become loose. Fasten them again securely whenever you notice any loosening.
- Disconnect the AC adaptor.
- Disconnect all cords coming from external devices.
- Remove the music stand.

### Unplug the AC adaptor from the AC outlet before cleaning
Before cleaning the unit, turn off the power and unplug the AC adaptor from the outlet (p. 14).

### If there is a possibility of lightning strike, disconnect the AC adaptor from the AC outlet
Whenever you suspect the possibility of lightning in your area, disconnect the AC adaptor from the outlet.

### Keep small items out of the reach of children
Should you remove the music rest attachment screws and the ground terminal screw, keep them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.

# 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.

- The AC adaptor will begin to generate heat after long hours of consecutive use. This is normal, and is not a cause for concern.

- Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damage to speakers or other devices.

## Placement

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

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

- 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.

- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface.
  You can place a piece of felt or cloth under the rubber feet to prevent this from happening. If you do so, please make sure that the unit will not slip or move accidentally.

- 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

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.

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

## 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.
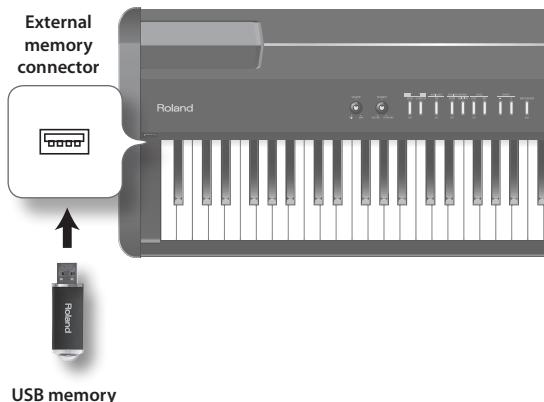
## Additional Precautions

- 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 loosing important data, we recommend that you periodically save a backup copy of important data you have stored in the unit's memory on USB memories.

- 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.

- 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.

- 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, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.

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

- Use only the specified expression pedal (EV-5; sold separately). By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.

- 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 Using USB Memories

### Using USB Memories

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

**External memory connector**

**USB memory**

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

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

• To prevent damage to the USB memories from static electricity, be sure to discharge any static electricity from your own body before handling the USB memories.

• Do not touch or allow metal to come into contact with the contact portion of the USB memories.

• Do not bend, drop, or subject USB memories to strong shock or vibration.

• Do not keep USB memories in direct sunlight, in closed vehicles, or other such locations.

• Do not allow USB memories to become wet.

• Do not disassemble or modify the USB memories.

## 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 unit 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 unit.

## Care of the Ivory Feel-S keyboard

• Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.

• Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.

• To remove stubborn dirt, use a commercially available keyboard cleaner that does not contain abrasives. Start by wiping lightly. If the dirt does not come off, wipe using gradually increasing amounts of pressure while taking care not to scratch the keys.

* GS ( ) is a registered trademark of Roland Corporation.
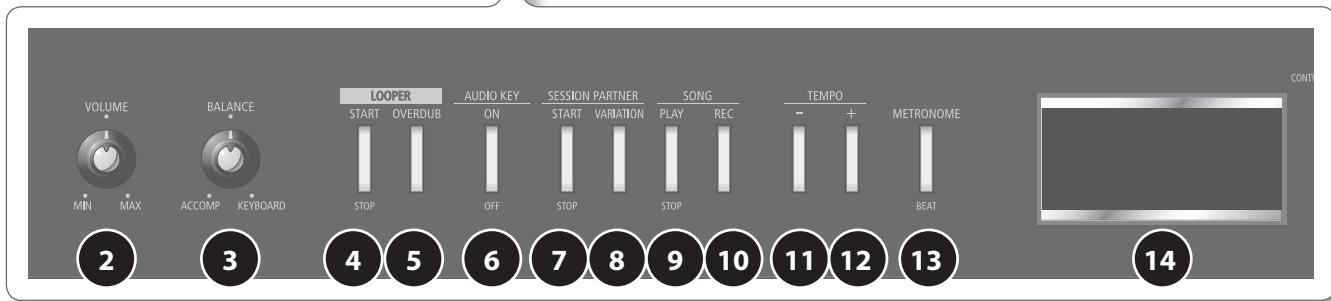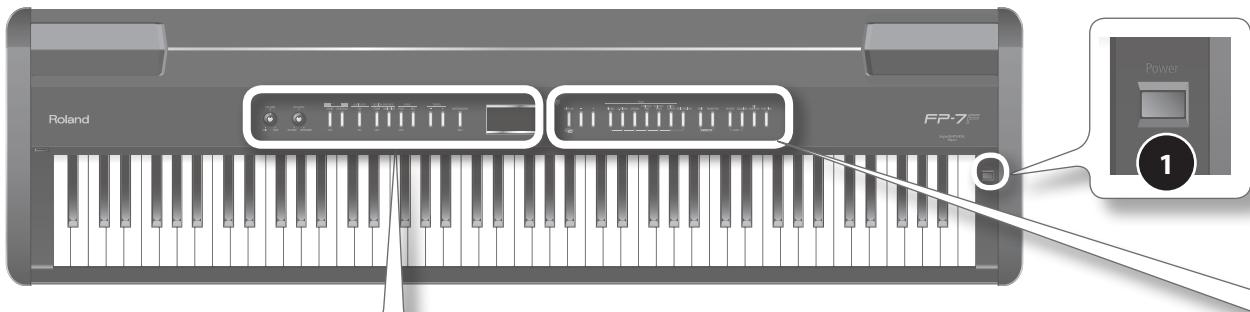
* XGlite ( ) is a registered trademark or a trademark of Yamaha Corporation.

* All product names mentioned in this document are trademarks or registered trademarks of their respective owners.

* 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.

# Panel Descriptions

## Front Panel



**1** [POWER] switch
Turns the power on/off (p. 14).

**2** [VOLUME] knob
Adjusts the overall volume of the FP-7F (p. 15).

If headphones are connected, this adjusts the headphone volume (p. 18).

**3** [BALANCE] knob
Adjusts the volume balance between the keyboard performance and the accompaniment (Song, Session Partner, Audio Key) (p. 15).

**4** LOOPER [START/STOP] button
Starts/stops recording or loop playback (p. 61) with the Looper function.

**5** LOOPER [OVERDUB] button
This button switches you between overdubbing and loop playback when using the Looper function (p. 61).

If you hold down the [DISPLAY] button and press this button, the phrase recorded by the Looper function will be erased (p. 63).

**6** AUDIO KEY [ON/OFF] button
Allows you to play an audio file by pressing a key in the range of B♭0–B1 (p. 31).

**7** SESSION PARTNER [START/STOP] button
This button starts/stops Session Partner playback. By starting Session Partner, you can produce an accompaniment in a style such as jazz or rock (p. 44).

**8** SESSION PARTNER [VARIATION] button
This button switches the accompaniment pattern of the rhythm to the variation accompaniment pattern (p. 46).

**9** SONG [PLAY/STOP] button
Plays/stops a recorded performance, internal song, or a song saved in internal memory or USB memory (p. 53).

Also used to start the recording of a performance (p. 52).

**10** SONG [REC] button
Press this button when you want the sound of your own performance or the Session Partner performance to be recorded on the FP-7F (p. 52).

**11** TEMPO [-] button
Slows down the song tempo (p. 42).

**12** TEMPO [+] button
Speeds up the song tempo (p. 42).
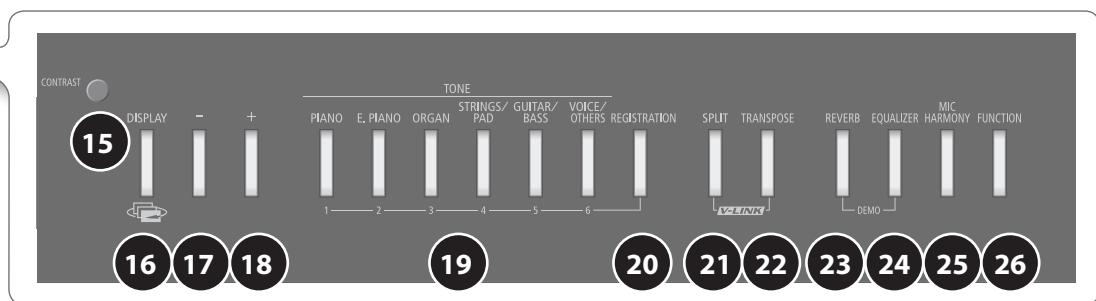
**13** [METRONOME] button
Turns the metronome on/off (p. 21).

You'll also use this button to set the time signature (p. 22).

**14** Display
Shows information such as the tone name, song number, and tempo.

### 15 [CONTRAST] knob

Adjusts the brightness of the screen (p. 18).

### 16 [DISPLAY] button

Returns you to the previous screen, or cancels an operation.

### 17 [-] button

Selects sounds or edits a function's setting.

By pressing the [-] button and [+] button simultaneously, you can reset the setting to its default value.

If the song select screen is shown and a song is playing, you can rewind by holding down this button.

### 18 [+] button

Selects sounds or edits a function's setting.

By pressing the [-] button and [+] button simultaneously, you can reset the setting to its default value.

If the song select screen is shown and a song is playing, you can fast-forward by holding down this button.

### 19 TONE buttons

Select the type (tone group) of sound to play on the keyboard (p. 20).

If the [REGISTRATION] button is lit, TONE buttons [1]–[6] operate as registration select buttons (p. 49).

In some screens, pressing the [PIANO] button will confirm an operation or take you to the next screen. In such cases, the [PIANO] button will blink.

### 20 [REGISTRATION] button

Stores the tone selection and Session Partner settings as a "registration" (p. 49).

### 21 [SPLIT] button

Allows you to play different tones in the left and right zones of the keyboard (p. 27).

By holding down this button and pressing the [TRANSPOSE] button, you can turn the V-LINK function on/off (p. 86).

### 22 [TRANSPOSE] button

Transposes the pitch of the keyboard or song (p. 30).

By holding down this button and pressing the [SPLIT] button, you can turn the V-LINK function on/off (p. 86).

### 23 [REVERB] button

Applies reverberation to the sound, creating the impression that you are performing in a concert hall (p. 24).

By holding down this button and pressing the [EQUALIZER] button, you can listen to the demo songs (p. 19).

### 24 [EQUALIZER] button

Turns the equalizer on/off (p. 25).

You can use the equalizer to adjust the tone quality by boosting or cutting just the low or high range.

By holding down this button and pressing the [REVERB] button, you can listen to the demo songs (p. 19).

### 25 [MIC HARMONY] button
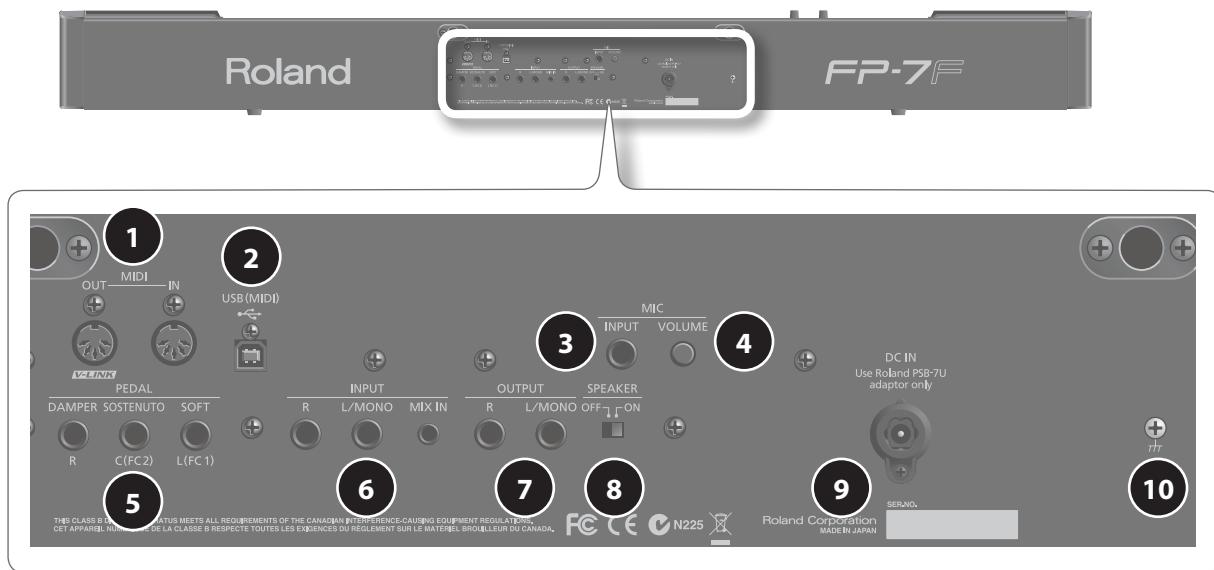
This button switches the Mic Harmony on/off (p. 76).

### 26 [FUNCTION] button

Takes you to Function mode, where you can modify sound settings and functions (p. 64).

By holding down the [FUNCTION] button for several seconds, you can disable the panel buttons (Panel Lock) so that they will not operate (p. 40).

# Rear Panel



### 1 MIDI connectors

Connect an external MIDI device here to transfer performance data (p. 83).
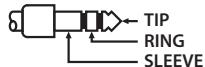
### 2 USB (MIDI) connector

Connect your computer for transferring performance data (p. 85).

### 3 MIC INPUT jack

Connect your microphone here (p. 76).

This instrument is equipped with TRS 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.



TIP
RING
SLEEVE

### 4 MIC [VOLUME] knob

Adjusts the volume of the microphone connected to the MIC INPUT jack (p. 76).

### 5 PEDAL jacks

Connect the included pedal (DP series) or a separately available pedal (RPU-3) here (p. 17).

### 6 INPUT jacks

Connect an audio device or another electronic music instrument here, so that its sound can be heard through the FP-7F's speakers (p. 82).

### 7 OUTPUT jacks

Connect these to your external speaker system.

These allow the FP-7F's sound to be heard from the connected speakers (p. 82).

### 8 [SPEAKER] switch

This switch turns the internal speaker on/off (p. 82).

### 9 DC IN jack

Connect the included AC adaptor here (p. 14).
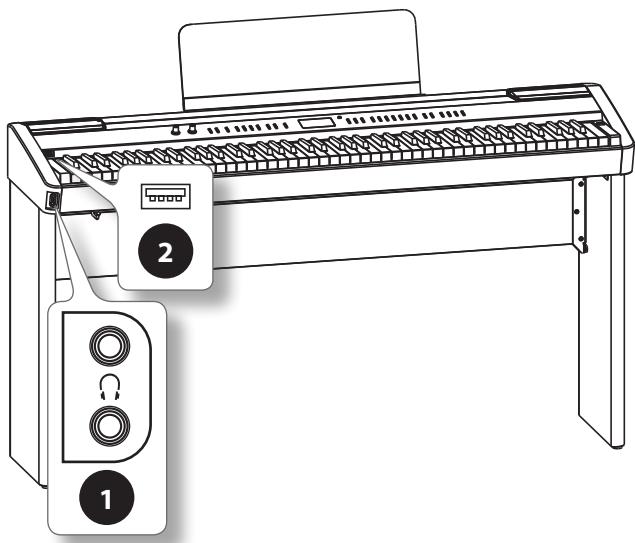
### 10 Grounding terminal

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

Unsuitable places for connection

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

# Other Connectors

**1  PHONES jacks**

Connect your headphones here (p. 18).

The FP-7F allows you to use two sets of headphones simultaneously.

**2  External memory connector**

Connect your USB memory here.
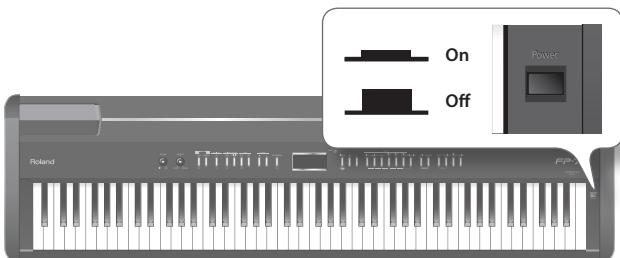
Songs saved on USB memory can be played back (p. 78), and songs you recorded on the FP-7F can be saved to USB memory (p. 80).

# Before You Play
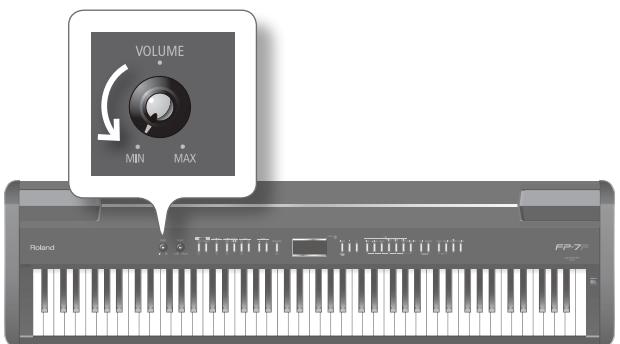
## Getting Ready to Play

### Connecting the AC adaptor
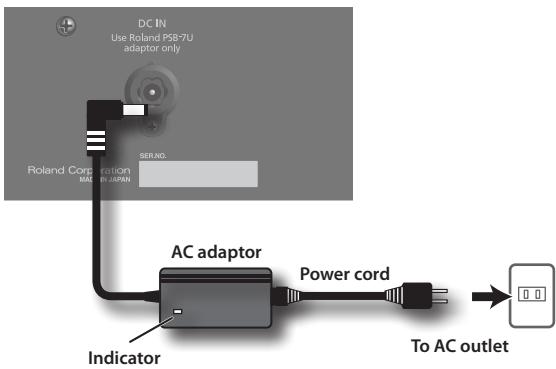
**1.** Make sure that the [POWER] switch is off (outward position).

On
Off
Power

**2.** Turn the [VOLUME] knob all the way toward the left to minimize the volume.

VOLUME
MIN    MAX

**3.** Connect the included AC adaptor to the DC IN jack located on the FP-7F's rear panel, and plug the power cord into an electrical outlet.

DC IN
Use Roland PSB-7U
adaptor only

SER.NO.

Roland Corporation
MADE IN JAPAN

AC adaptor
Power cord
Indicator
To AC outlet

Place the AC adaptor so the side with the indicator (see illustration) faces upwards and the side with textual information faces downwards.

The indicator will light when you plug the AC adaptor into an AC outlet.
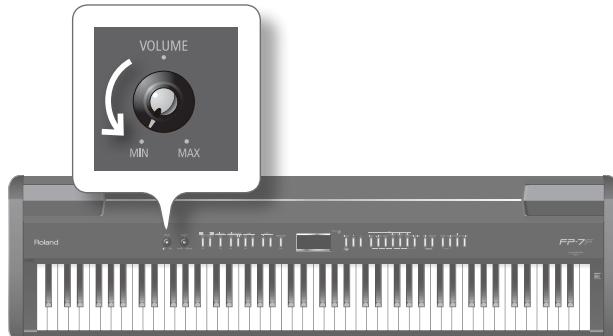
## Turning the Power On/Off

\* Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

\* Always make sure to have the volume level turned down before switching on power. Even with the volume all the way down, you may still hear some sound when the power is switched on, but this is normal, and does not indicate a malfunction.
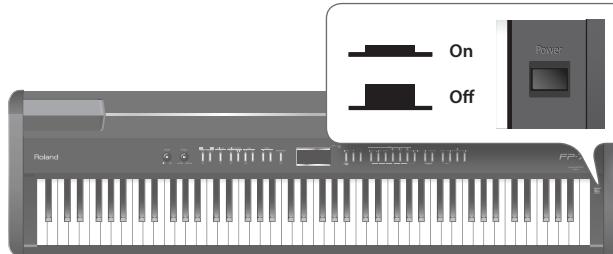
### Turning the power on

**1.** Turn the [VOLUME] knob all the way toward the left to minimize the volume.

VOLUME
MIN    MAX

**2.** Press the [POWER] switch to turn it on.

The power will turn on, and buttons such as the TONE buttons will light.

On
Off
Power
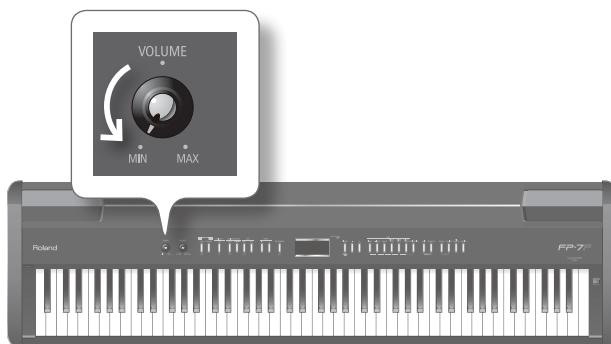
**3.** Use the [VOLUME] knob to adjust the volume (p. 15).

Now you can play the keyboard to produce sound.

\* 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.
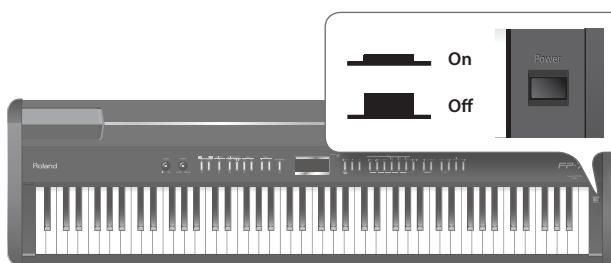
## Turning the Power Off

1. **Turn the [VOLUME] knob all the way toward the left to minimize the volume.**



2. **Press the [POWER] switch to turn it off.**

   The power will turn off.



On
Off

## Adjusting the Volume
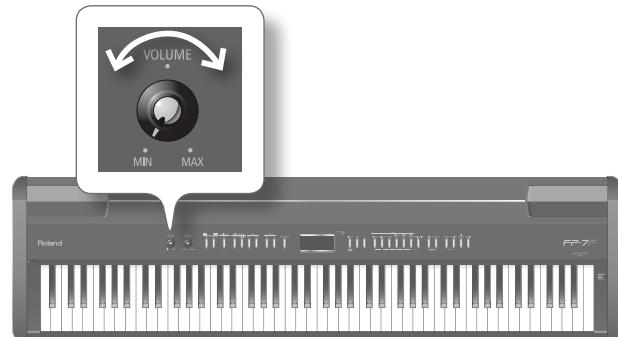
Here's how to adjust the volume of the sounds you play from the keyboard, or the volume of songs played back from internal memory or USB memory.

If headphones are connected, this adjusts the headphone volume.

1. **Turn the [VOLUME] knob to adjust the overall volume.**
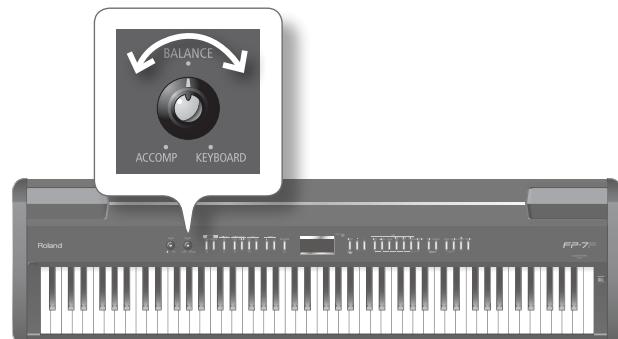
   Play the keyboard to produce sound while you adjust the volume.

   Turning the knob toward the right will increase the volume, and turning it toward the left will decrease the volume.



## Adjusting the Volume Balance between Your Keyboard Performance and the Accompaniment

Here's how to adjust the volume balance between the sound of your keyboard performance and the accompaniment (Song, Session Partner, or Audio Key).



1. **Turn the [BALANCE] knob to adjust the volume balance.**

   Turning the knob toward the left (toward "ACCOMP") will decrease the volume of your keyboard performance.

   Turning the knob toward the right (toward "KEYBOARD") will decrease the volume of the accompaniment.

   **MEMO**
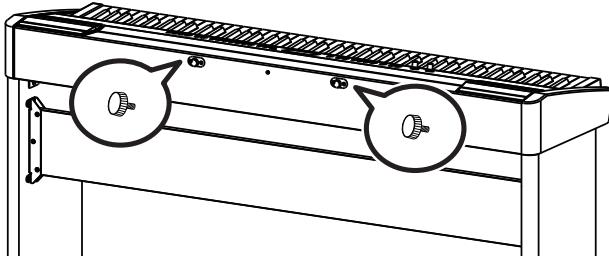
   If you want to adjust the volume of the microphone, use the MIC [VOLUME] knob (p. 76).

   * **The volume of phrases recorded using the Looper (p. 60) cannot be adjusted.**
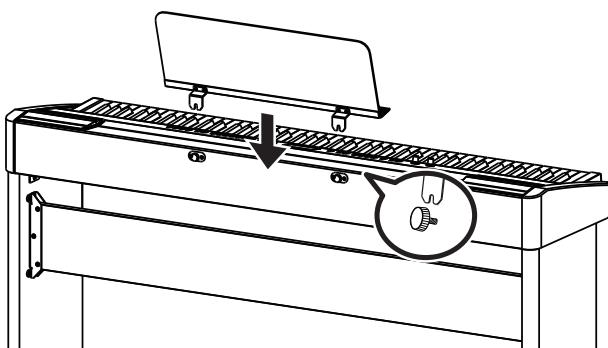
## Attaching the Music Rest

Here's how to attach the included music rest.
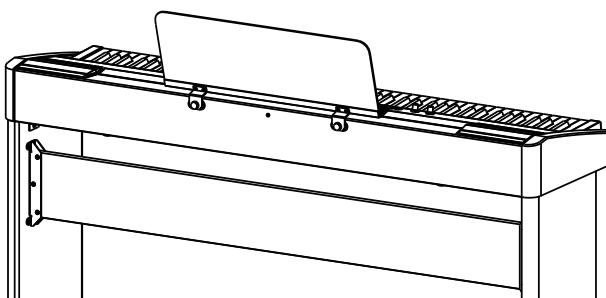
**1. Loosen the music rest attachment screws located on the back of the piano (two locations).**

**2. Place the music rest between the screws and the chassis.**

**3. While using one hand to support the music rest, tighten the screws (two locations) to fasten the music rest firmly in place.**
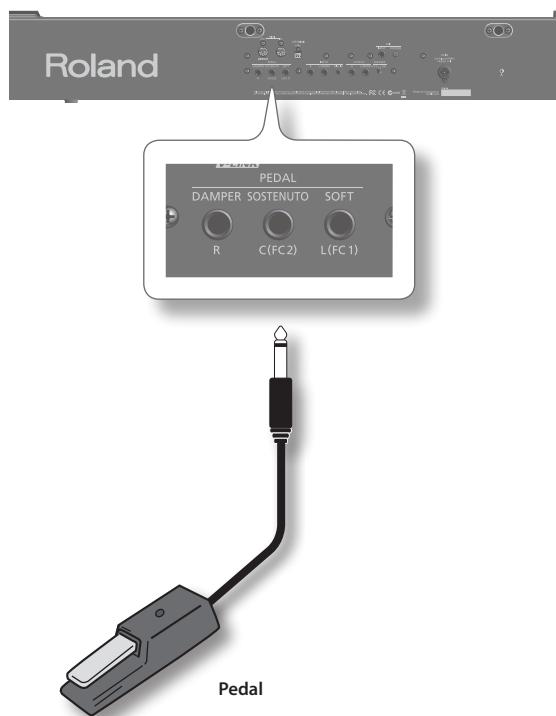
When attaching the music rest, you must use your hand to support it firmly so that it does not fall. Be careful not to pinch your hand.

To remove the music rest, support it with one hand while you loosen the screws. Remove the music rest, and then securely retighten the screws.

* **Don't apply excessive force to the installed music rest.**

* **When attaching the music rest, you must use the music rest attachment screws that were attached to the piano.**

* **Should you remove the music rest attachment screws, keep them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.**

# Connecting Pedals

Connect the included pedal to one of the PEDAL jacks.
The function of the pedal will depend on the jack to which it's connected.

**Pedal**

| Connected Jack | Operation |
|---|---|
| DAMPER/R jack | The pedal will operate as a damper pedal. |
| SOSTENUTO/C (FC2) jack | The pedal will operate as a sostenuto pedal. |
| | Alternatively, you can assign a different function (p. 70, p. 73). |
| SOFT/L (FC1) jack | The pedal will operate as a soft pedal. |
| | Alternatively, you can assign a different function (p. 70, p. 73). |

\* **Unplugging a pedal cord from the unit while the power is on may cause the pedal's effect to be applied without stopping. The power of the FP-7F must be turned off before inserting or removing a pedal cord.**

**MEMO**

- If you connect the separately available RPU-3 pedal, allows you to enjoy piano performances at their fullest, since you can use three pedals.

- You can connect an expression pedal to the SOSTENUTO/C (FC2) jack or SOFT/L (FC1) jack, and use it to control the FP-7F's volume (p. 73).

   Use only the specified expression pedal (EV-5; sold separately). By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.

- With the pedal connected to the SOSTENUTO/C (FC2) jack or the SOFT/L (FC1) jack, it can be assigned other functions as well (p. 70, p. 72, p. 73).

## Damper pedal

Use this to sustain the sound.
While you hold down the damper pedal, notes will be sustained even if you take your fingers off the keyboard. This is the same function as the right pedal of an acoustic piano.

The included pedal will detect a continuous value, so the amount by which you press the pedal will smoothly control the depth of the damper pedal effect.

On an acoustic piano, pressing the damper pedal allows other strings to resonate sympathetically with the notes you play, producing a rich and spacious resonance. The FP-7F simulates this natural damper resonance.

**MEMO**

Set the switch on the included pedal to "Continuous" when the pedal is connected.

## Sostenuto pedal

The notes you are pressing when this pedal is depressed will be sustained. This is the same function as the center pedal of an acoustic piano.

## Soft pedal

Use this to soften the sound.

When you play the keyboard while holding down the soft pedal, the sound will be softer than normal for the same keyboard playing strength. This is the same function as the left pedal of an acoustic piano.

The included pedal will detect a continuous value, so the amount by which you press the pedal will smoothly control the depth of the soft pedal effect.

# Using Headphones

If you use headphones, you'll be able to play even at night without being heard by others nearby.

Since the FP-7F has two headphone jacks, two people can use headphones simultaneously.

1. **Connect your headphones to the PHONES jack.**

   If headphones are connected, sound will not be heard from the FP-7F's speakers.

2. **Use the [VOLUME] knob (p. 15) to adjust the headphone volume.**

   * **To prevent damage to the cord's internal conductors, avoid rough handling. When using headphones, mainly try to handle either the plug or the headset.**

   * **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.**
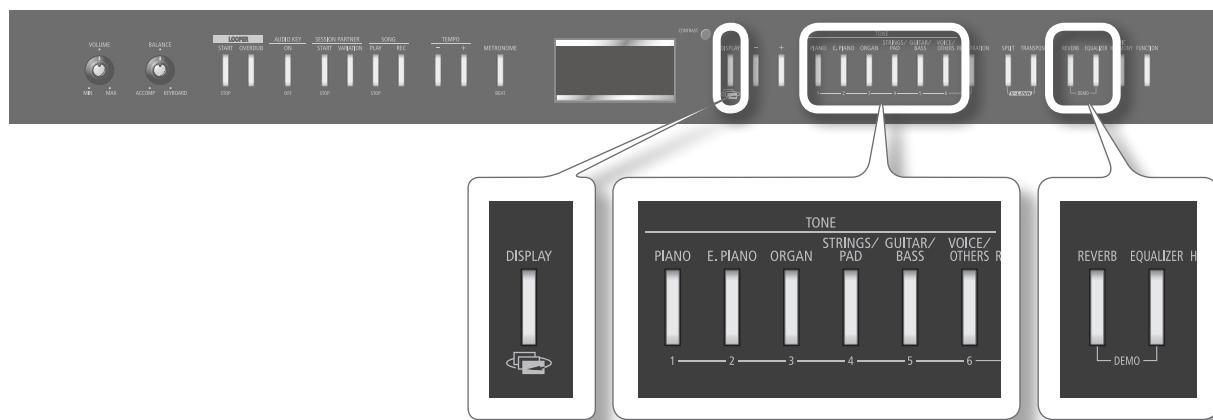
   * **Excessive input will not only damage your hearing, but may also strain the headphones. Please enjoy music at an appropriate volume.**

   * **Use headphones that have a stereo 1/4" phone plug.**

# Adjusting the Display Brightness

Here's how to adjust the brightness of the FP-7F's display.

1. **Turn the [CONTRAST] knob to adjust the brightness of the display.**

   * **You may see vertical lines in the screen, but this is due to the structure of a liquid crystal display, and does not indicate a malfunction. By using the [CONTRAST] knob to adjust the contrast of the screen, you can minimize these lines.**

   * **The contrast of the screen may be affected by the temperature.**

# Listening to the Demo Songs

Here's how to listen to the demo songs. The FP-7F provides six demo songs.

* **You can't play back the demo songs if your recorded performance has not been saved. You must first save or delete your recorded performance (p. 56, p. 58).**

1. **Hold down the [REVERB] button and press the [EQUALIZER] button.**

   The TONE buttons will blink.

   | Button assigned to each demo song | Demo content |
   |---|---|
   | TONE buttons | Demo songs for the tones of each button |

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

   * **The performance data for the demo songs is not output from the MIDI OUT connector.**

2. **Press one of the buttons to which a demo song is assigned.**

   The demo songs will play consecutively, starting with the song whose button you pressed. The button corresponding to the currently playing demo song will blink.

   When the last demo song has finished playing, playback will continue from the first demo song.

3. **To stop playback, press the blinking button.**

4. **Press the [DISPLAY] button to end the demo.**

   The indicators for the TONE buttons will return to their original state.
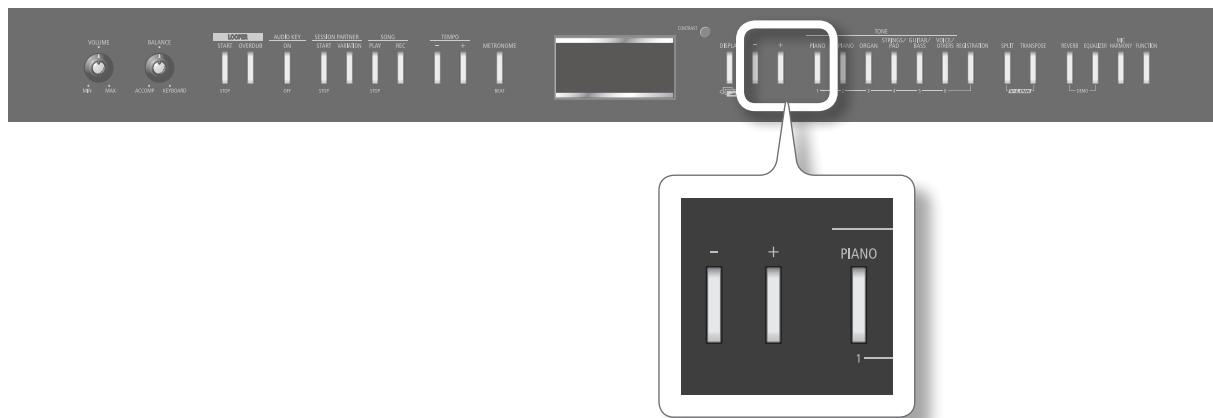
# Performing

## Performing Various Sounds

The FP-7F lets you enjoy performing with piano sounds and other types of sounds (a total of more than 300).

These sounds are called "Tones." The tones are organized into six groups, and each group is assigned to a TONE button.

Let's start by performing with a piano tone.



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

The number and name of the currently selected tone is shown.



**2.** **Press the [-] or [+] button.**

A different tone will be changed.

### About the available tones

| Button | Explanation |
|---|---|
| [PIANO] button | Allows you to select various instruments, including grand pianos, honky-tonk pianos, and historical instruments. |
| [E. PIANO] button | Allows you to select various electric piano sounds used in pop or rock, as well as the sound of instruments played using mallets. |
| [ORGAN] button | Allows you to select organ tones. If you select one of the "TW-Organ 1–6" tones, the screen will show the state of the harmonic bars (p. 37). If you've selected a tone to which the rotary effect is applied, pressing the [ORGAN] button will switch the speed of the rotary effect. |
| [STRINGS/PAD] button | Allows you to select the sounds of string instruments such as violins, as well as other instruments used in orchestras, which are appropriate when used for Dual play with a piano sound. |
| [GUITAR/BASS] button | Allows you to select guitar or bass tones. |
| [VOCAL/OTHERS] button | This button selects vocal, brass, and GM2 tones. |

* **For some tones, there are keys that produce no sound.**

* **Some effects (p. 24) will no longer be applied if you add Harmony (p. 76); this may cause the tone to sound differently.**

**MEMO**
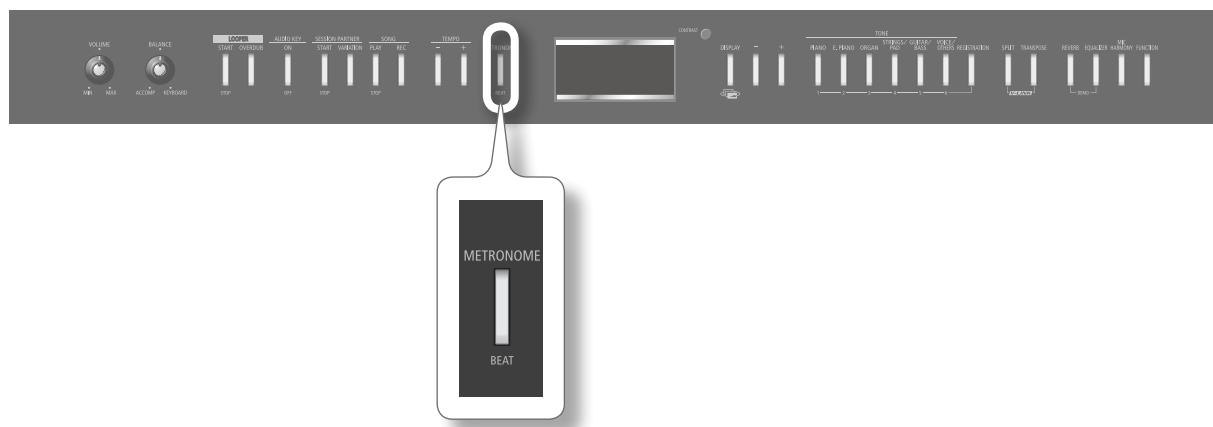
For details on the tones, refer to "Tone List" (p. 92).

# Performing with the Metronome

You can sound the metronome while you play.

You can also change the metronome's volume and time signature.

If a song is playing, the metronome will sound according to the song's tempo and time signature.



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

   The [METRONOME] button will blink, and the Beat screen will appear.
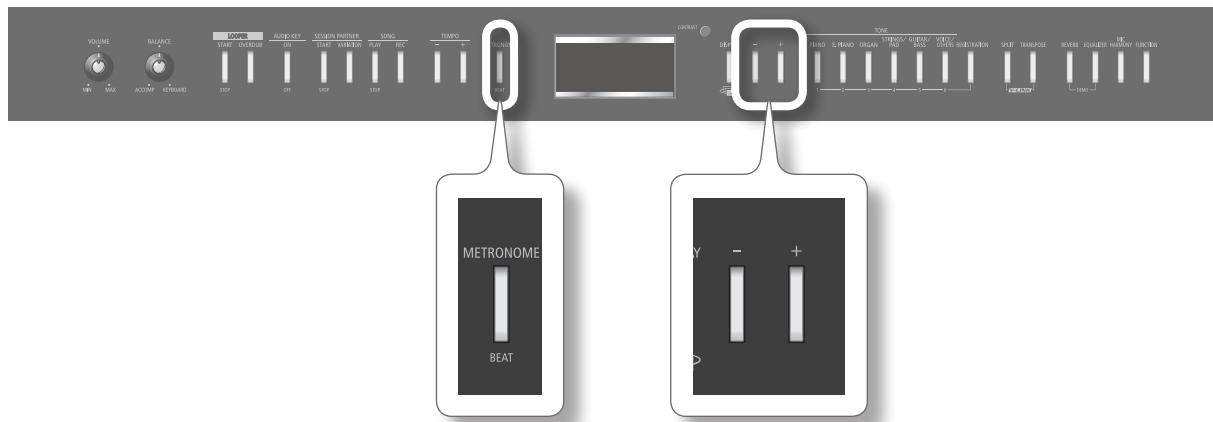
   

   The [METRONOME] button will blink red and green in keeping with the currently selected time signature.

   Red indicates the downbeat and green indicates the weak beats.

   Press the [METRONOME] button once again to stop the metronome.

## Changing the Metronome's Time Signature



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

   The metronome will sound.

2. **Press the [-] or [+] button.**

   With the "0/4" setting, only weak beats will be sounded.
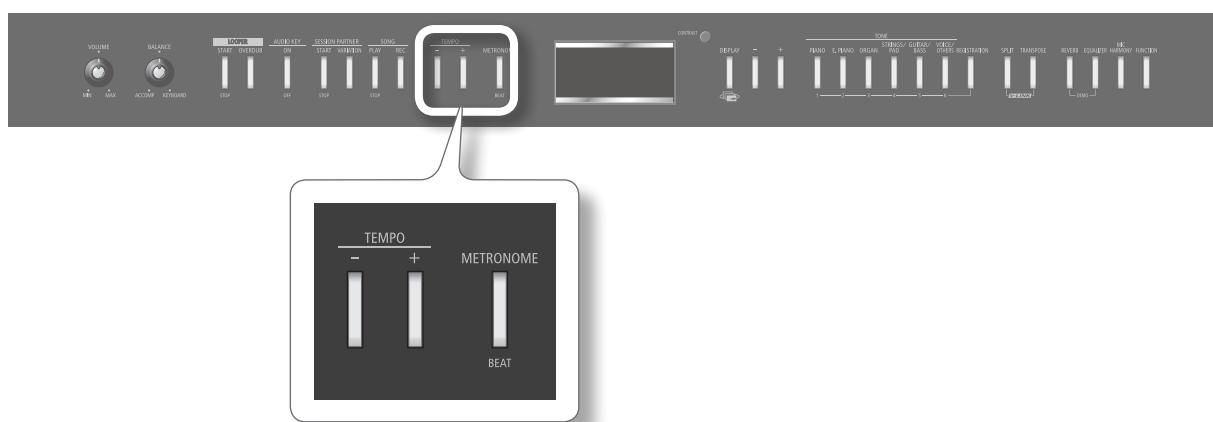
   When you record your performance, it will be recorded using the time signature you specify here.

   When you play back a song, the metronome's time signature will be set to the time signature of that song.

   | Available time signatures | 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 |
   | --- | --- |

   * **You can't change the metronome's time signature while a song is playing.**

## Changing the Metronome Tempo



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

   The metronome will sound.
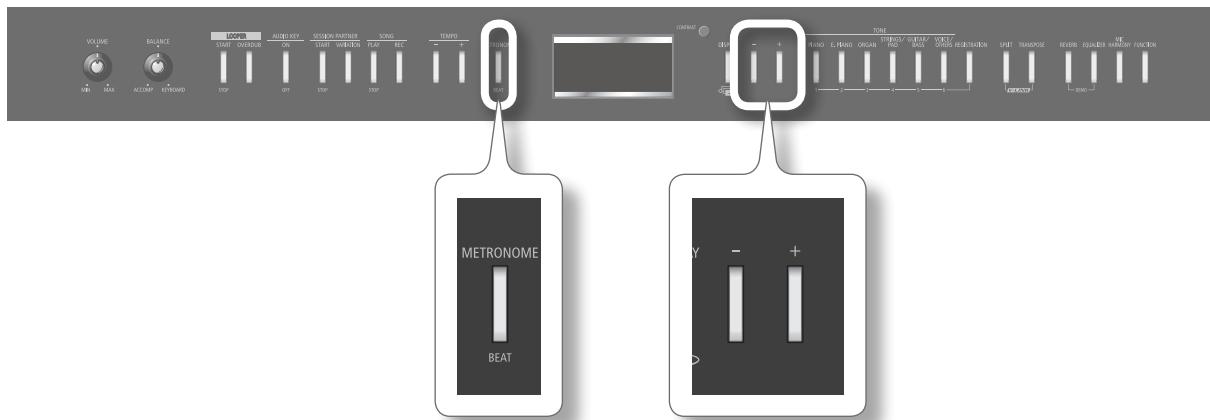
2. **Press the TEMPO [-] or TEMPO [+] button.**



### Correspondence between beat and tempo display

| 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 |
| --- | --- | --- | --- | --- |
| Tempo | ♩ = 5–250 | ♩ = 10–500 | ♪ = 20–999 | ♩. = 7–333 |

## Changing the Metronome's Volume

1. **Hold down the [METRONOME] button and press the [-] or [+] button.**

   The display will show the volume of the metronome.
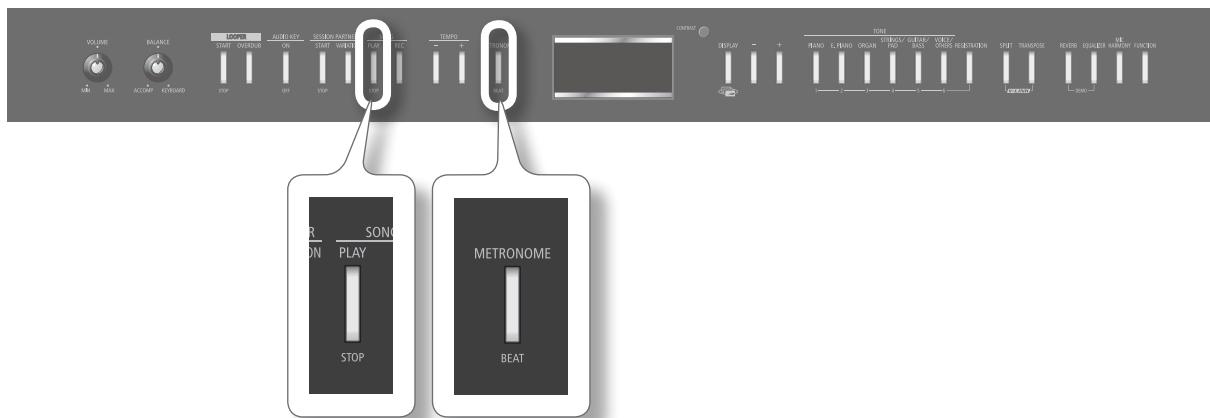
   If the metronome's volume is set at "0," you won't hear the metronome.

   Metronome Volume

   5

   | Metronome volume range | 0–10 |
   | --- | --- |

## Adding a Count-in to Synchronize Your Performance

By adding a "count-in" before the song starts, you can ensure that you begin playing at the appropriate time.

If you're performing along with a song, sounding a count-in will make it easier for you to synchronize your performance with the song.

1. **Press the [METRONOME] button.**
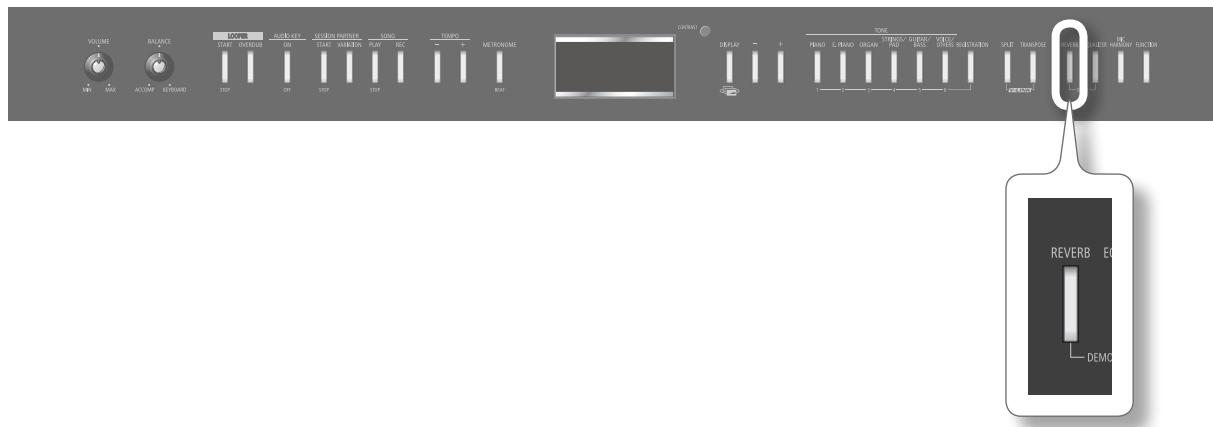
   The metronome will sound.

2. **Press the SONG [PLAY/STOP] button.**

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

# Adding Reverberation (Reverb Effect)

You can add a pleasant reverberation to the sounds you play from the keyboard, creating the impression that you are performing in a concert hall.

This is called the "reverb effect."
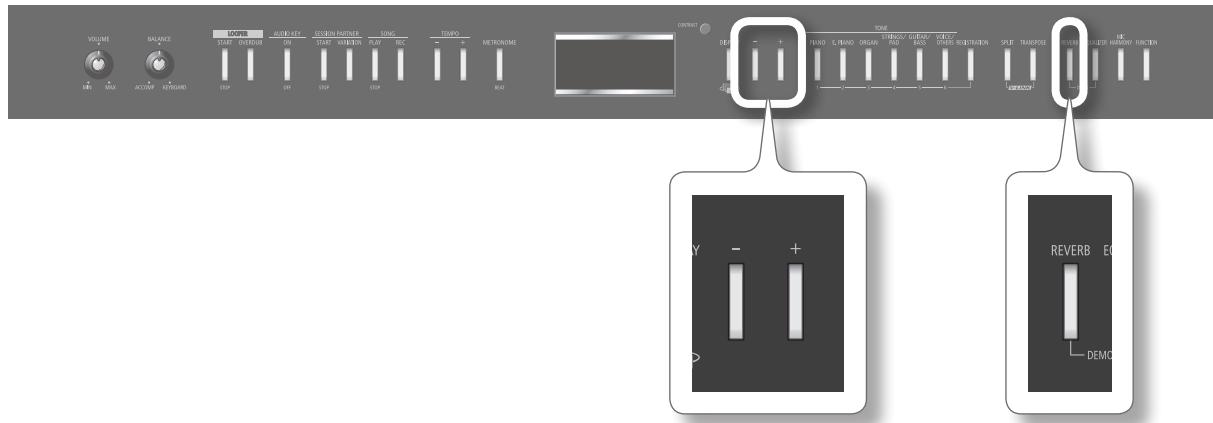


1. **Press the [REVERB] button.**

   The [REVERB] button will light.

   If you press the [REVERB] button once again, the button will go out and the reverb effect will be cancelled.

## Changing the Depth of the Reverb Effect



1. **Hold down the [REVERB] button and press the [-] or [+] button.**

   The display will indicate the reverb depth setting.

   Higher values produce deeper reverb.

   | Reverb depth range | 1–10 |
   | --- | --- |

   **MEMO**

   The modified setting will return to its original value when you turn off the power.
   If desired, you can have the setting be retained even while the power is turned off (p. 49).

   * **The reverb depth cannot be set individually for each tone. The same depth of reverb is applied to each tone.**

   * **The reverb depth for a song being played back will not change.**

---

### What are effects?
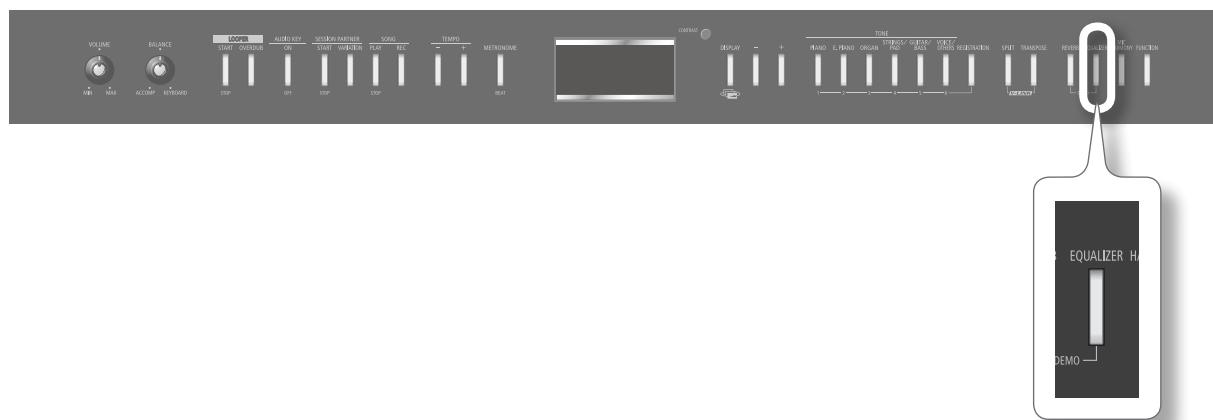
In addition to reverb, the FP-7F provides various other effects that can modify the sound.

An effect suitable for each tone will be selected.

* For some tones, no effect is applied.

# Adjusting the Tone Quality (Equalizer)

You can use the equalizer to adjust the sound's tone quality.

**1.** **Press the [EQUALIZER] button.**
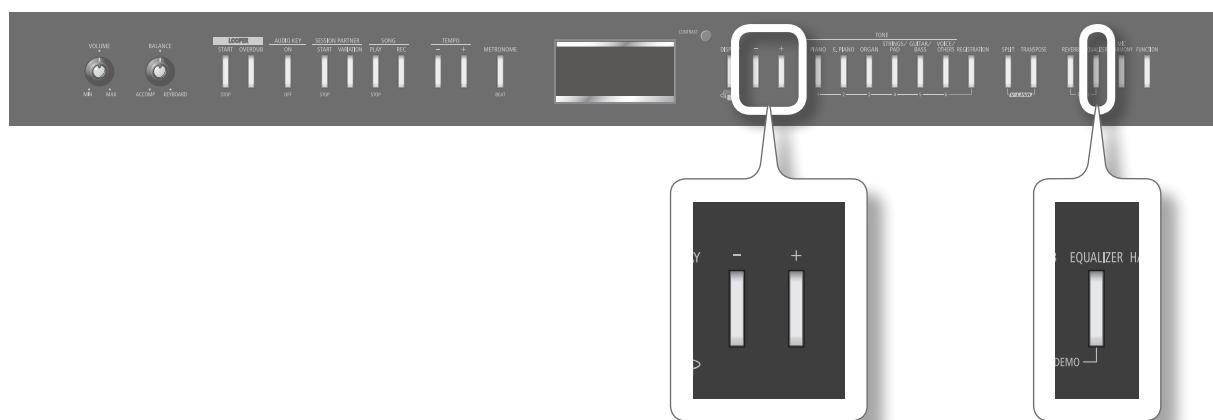
The [EQUALIZER] button will light.

If you press the [EQUALIZER] button once again, the button will go out and the equalizer will turn off.

## Selecting the Equalizer Number

Here's how to change the tone quality by switching the equalizer settings.

The FP-7F provides four different settings.

**1.** **Hold down the [EQUALIZER] button and use the [-] [+] buttons to select an equalizer number.**

| Setting | |
|---------|---|
| | 1–4 |

**MEMO**
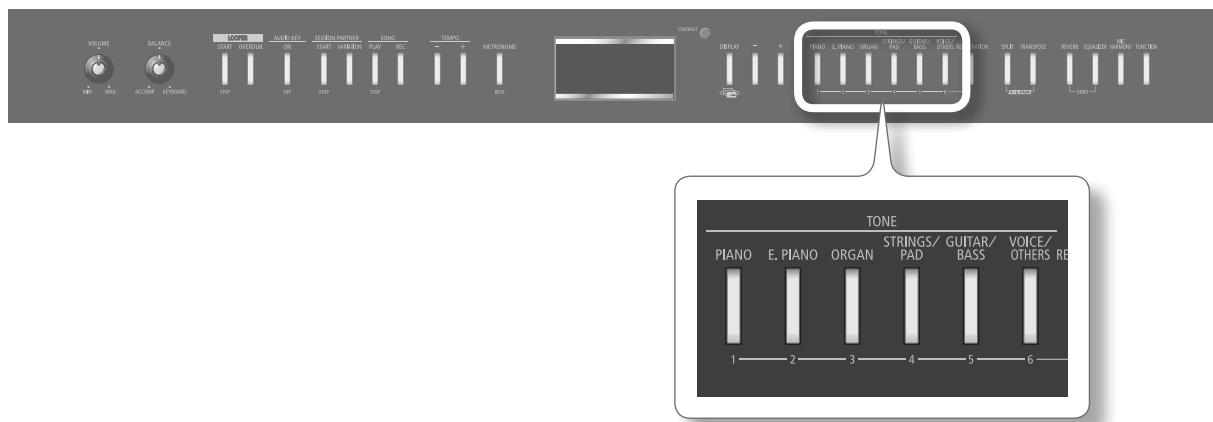
You can make detailed adjustments to the equalizer settings.
For details, refer to "Editing the Equalizer Settings (Equalizer)" (p. 71).

# Playing Two Tones Layered (Dual Play)

You can play two tones simultaneously from a single key. This is called "Dual Play."
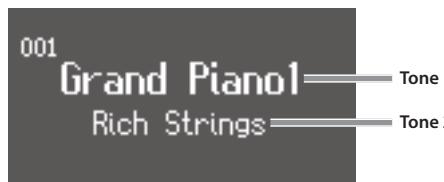
As an example, here's how to layer piano and strings tones.



1. **Hold down the [PIANO] button and press the [STRINGS/PAD] button.**

   Both buttons will light.

   When you play the keyboard, you'll hear the piano and strings tones layered.



   When you press any TONE button, Dual Play will be cancelled, and only the sound of the button you pressed will be heard.

   * **You can't use Dual Play simultaneously with Split Play.**

## About the tones

| Tone name | Corresponding button | How to select a tone |
|---|---|---|
| Tone 1 | TONE button at the left | Press the [-] or [+] button. |
| Tone 2 | TONE button at the right | Hold down the tone 2 button (the lit TONE button at the right) and press the [-] or [+] button. |

 * **For some combinations of tones, the effect will not be applied to tone 2, causing it to sound differently.**
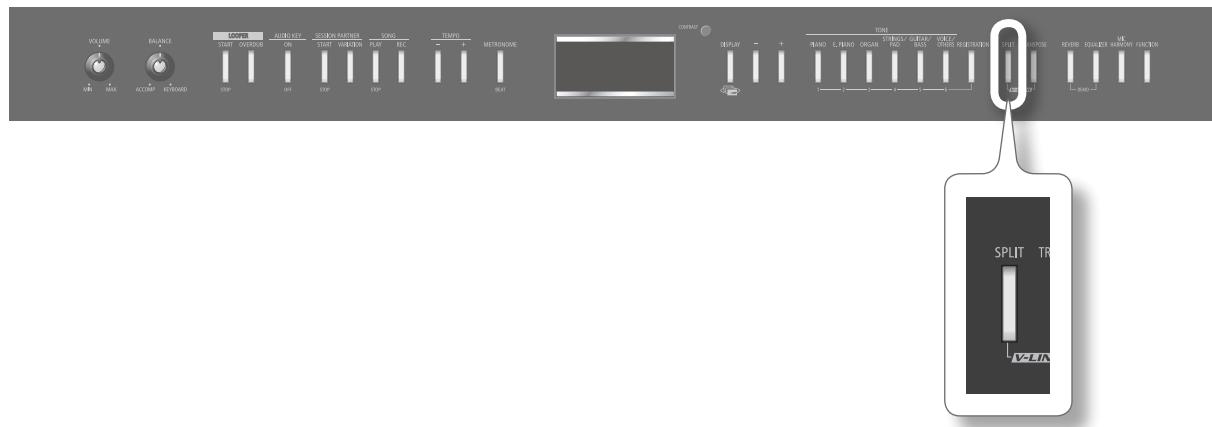
 **MEMO**

 • You can adjust the volume balance of the two tones (p. 72).

 • You can shift the pitch of tone 2 in steps of an octave (p. 72).

 • When you press the damper pedal while using Dual Play, the effect will be applied to both tone 1 and tone 2. If desired, you can have the effect be applied to only one of the tones (p. 72).

# Playing Two Different Tones in the Right and Left Sides of the Keyboard (Split Play)
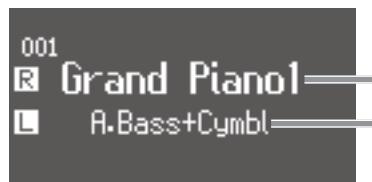
You can play different tones in the right and left sides of the keyboard, divided at a specific key.

This is called "Split Play," and the location at which the keyboard is divided is called the "split point."
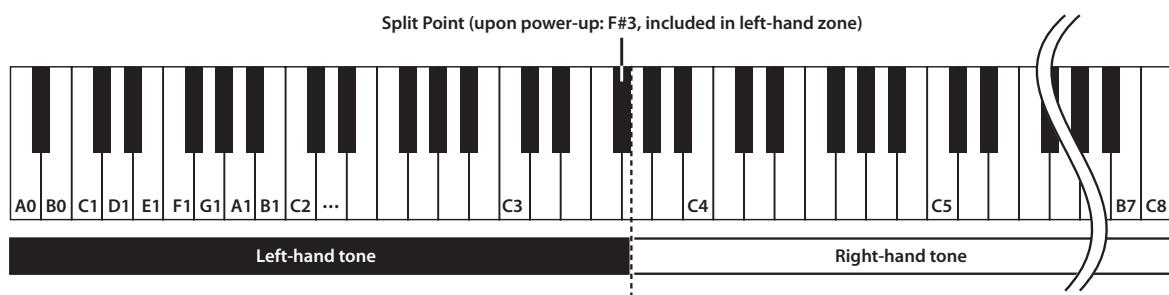


1. **Press the [SPLIT] button.**

The split screen will appear.



Right-hand tone
Left-hand tone
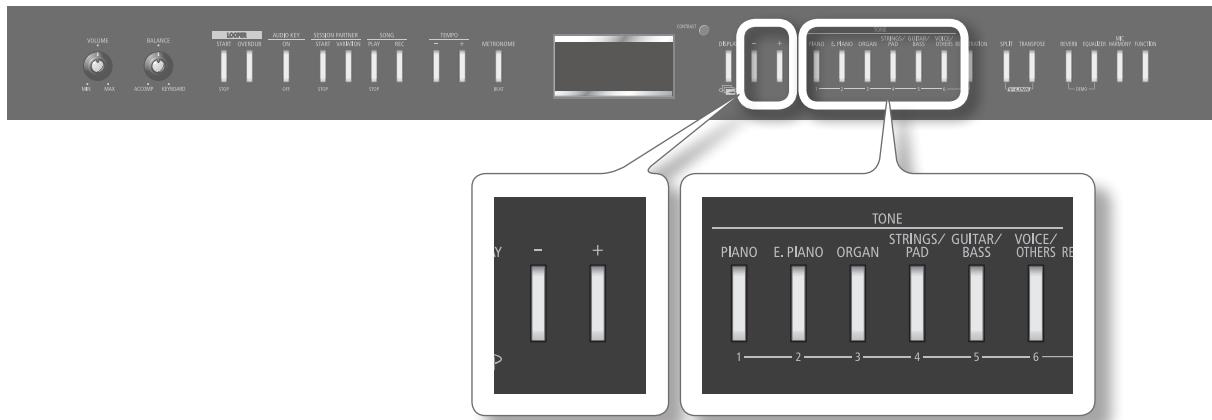
When split is turned on, the keyboard settings will be as follows.

Split Point (upon power-up: F#3, included in left-hand zone)



| A0 | B0 | C1 | D1 | E1 | F1 | G1 | A1 | B1 | C2 | ··· | C3 | C4 | C5 | B7 | C8 |

Left-hand tone       Right-hand tone

When you press the [SPLIT] button once again to turn it off, Split Play will be cancelled.
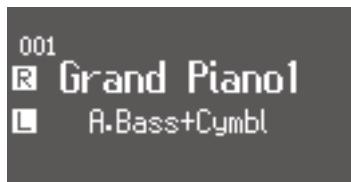
## Changing the Right-hand Tone and Left-hand Tone

# Changing the Right-hand Tone



1. **Press the TONE button.**
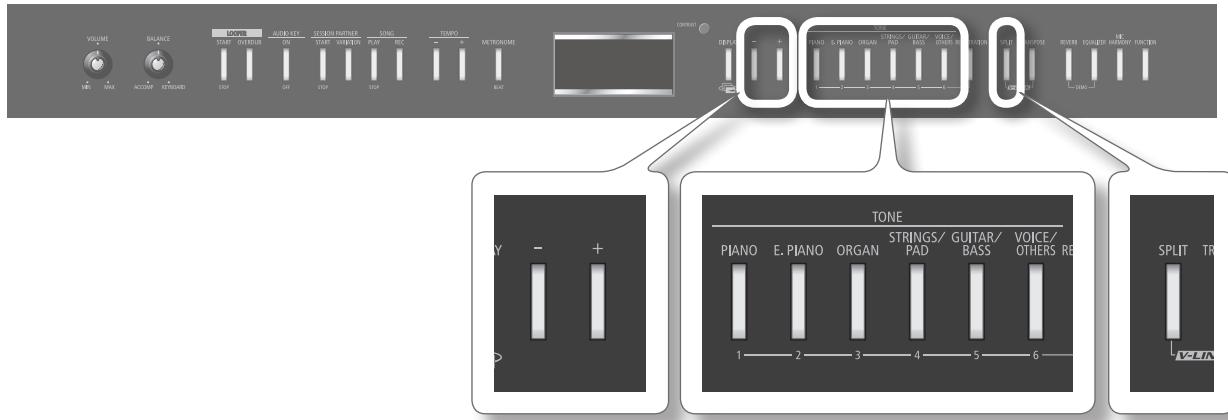
   The number and name of the currently selected right-hand tone will appear.



2. **Press the [-] or [+] button.**

   A different tone will be changed.

# Changing the Left-hand Tone



1. **Hold down the [SPLIT] button and press the TONE button.**

   The number and name of the currently selected left-hand tone will appear.



2. **Hold down the [SPLIT] button and press the [-] or [+] button.**

   A different tone will be changed.
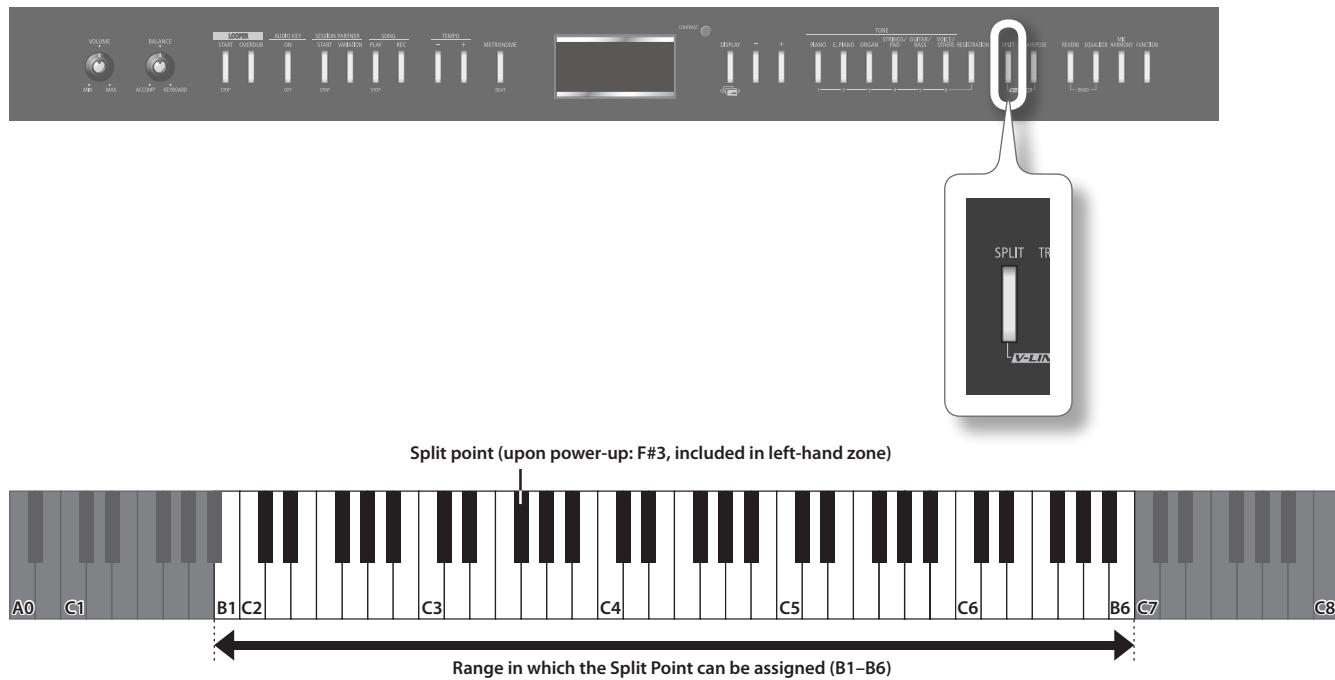
   **MEMO**

   You can shift the pitch of the left-hand tone in steps of an octave (p. 72).

# Changing the Point at which the Keyboard is Divided (Split Point)
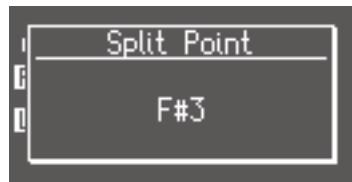
You can change the split point (the key at which the keyboard is divided).

The split point can be set to any value from B1 through B6.

Split point (upon power-up: F#3, included in left-hand zone)

Range in which the Split Point can be assigned (B1–B6)

1. **Hold down the [SPLIT] button and press the key that you want to be the split point.**

   The key you pressed will be assigned as the split point, and will appear in the display.

   ```
   Split Point

       F#3
   ```

   **MEMO**

   The modified setting will return to its original value when you turn off the power.
   If desired, you can have this setting be retained even while the power is turned off (p. 49).

# Changing the Pitch of the Keyboard or the Song Playback (Transpose)

The "Transpose" function lets you shift the pitch of the keyboard.
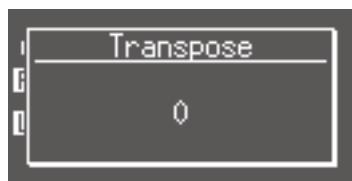
You can use the Transpose function to easily do the following things.

• Perform at a pitch that's comfortable for a singer without changing the notes you read (your keyboard fingering).

• Perform a song written in a difficult key (i.e., with numerous sharps or flats) in a key that's easier for you to play.



1. **Hold down the [TRANSPOSE] button and press the note that's the tonic of the key to which you want to transpose.**

   The transposition setting is shown while you hold down the [TRANSPOSE] button.



| Transposition range | -6–0–5 (semitone steps) |
| --- | --- |

The [TRANSPOSE] button will light if the setting is anything other than 0.
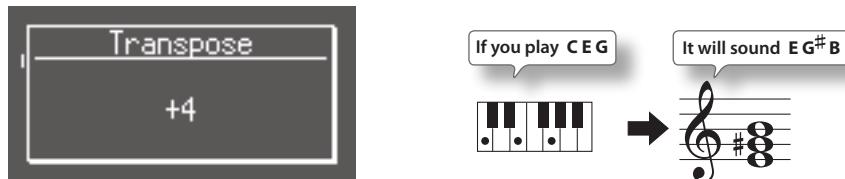
**MEMO**

• You can also change the setting by holding down the [TRANSPOSE] button and pressing the [-] or [+] button.

• By holding down the [TRANSPOSE] button and pressing both the [-] and [+] buttons simultaneously, you can reset the transposition setting to 0 (the original value).

• You can use the [TRANSPOSE] button to turn the Transpose function on/off (if the transposition setting is anything other than "0").

• The FP-7F allows you to choose whether to transpose just the keyboard, both the keyboard and the song, or just the song.
  When the FP-7F is shipped from the factory, this is set to transpose the keyboard and the song simultaneously. If the Transpose Mode (p. 72) is set to "Song," the Transpose function will not affect the pitch of the keyboard.

## Example: The song is written in the key of E, and you want to play it in the position of C

1. **Hold down the [TRANSPOSE] button and press the E note (the tonic note of the key of E).**

   Starting from the tonic note of the key of C (i.e., the C note), the tonic of the key of E is four chromatic steps higher, so the display will indicate "+4."



**If you play  C E G**

**It will sound  E G♯ B**

**MEMO**
The transposition setting will return to "0" when you switch songs or turn off the power.

# Performing with Audio Files (Audio Key)
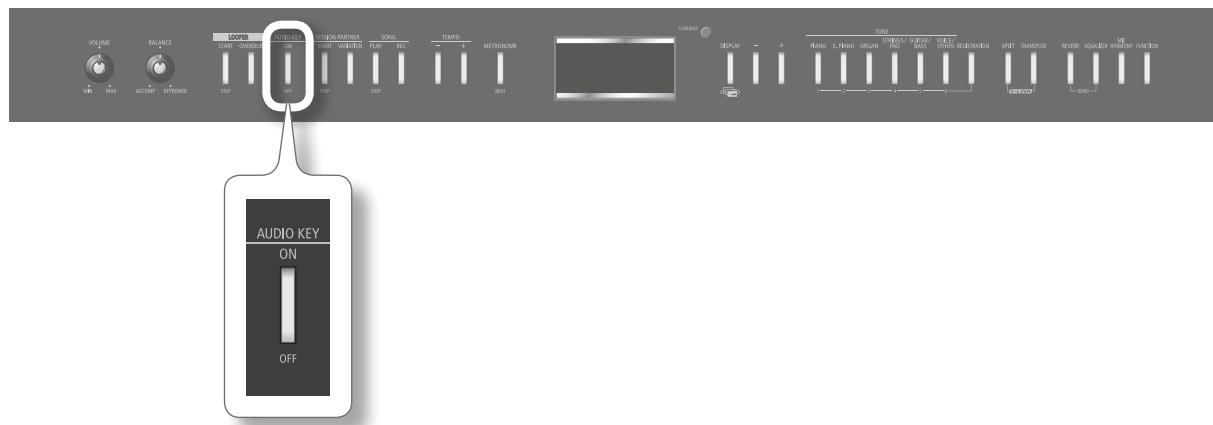
The FP-7F lets you play audio files while you perform. This is the "Audio Key" function.

The Audio Key function assigns audio files to keys in the range of B♭0–B1, allowing you to play back the audio files by pressing the corresponding key.

You can assign favorite phrases to keys, and trigger them at the appropriate moment during your performance.

**MEMO**

You can also use the Audio Key function in the following ways.

- Perform using phrases (p. 60) you've saved to USB memory.

- If you prepare audio files for each section of the song, such as the intro, main theme, break, and ending, you'll be able to freely change the structure of the song as you perform.

- If you assign an audio song to each key, you'll be able to switch among audio songs by pressing keys.



## Loading an Audio File Set

**1.** **Hold down the AUDIO KEY [ON/OFF] button and press the [-] or [+] button to select an "audio file set."**

When you release the button, the audio file set will be loaded, and the Audio Key function will turn on.

A screen like the following will appear.



**MEMO**

The FP-7F contains built-in audio file set: "Internal Demo." Such Audio File Set can only be selected when USB memory is not connected.

### Loading audio files from your computer

Before you continue, you'll need to install "Audio Key Utility 3" on your computer, and prepare a set of audio files that can be played back on the FP-7F.

**MEMO**

- You can download "Audio Key Utility 3" from the Roland website (http://www.roland.com/).
  For details on installing and using "Audio Key Utility 3," refer to "Audio Key Utility 3 Quick Guide" which is included in the downloaded file.

- If the connected USB memory does not contain an audio file set created by "Audio Key Utility 3," the audio files located on the root level (top level) of the USB memory will be assigned to each key for playback. To load these files, choose "External Root" in the Audio File Set selection screen.

## Performing with Audio Files
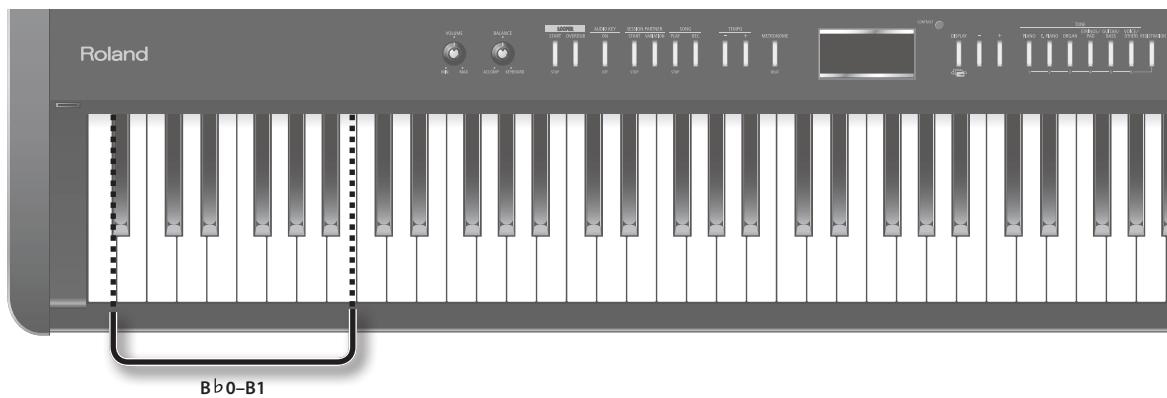
If the Audio Key function is on, you'll be able to play audio files by pressing a key.

| Indication (Playback mode) | Explanation |
| --- | --- |
| O | **One-shot Now** <br><br> When you press the key, the audio file will play only once. The audio file will play immediately when you press the key. |
| OW | **One-shot Wait** <br><br> When you press the key, the audio file will play only once. <br><br> With this setting, pressing the key while another audio file is playing will reserve the audio file to be played next. When the currently playing audio file has finished, the reserved audio file will play. |
| L | **Loop Now** <br><br> When you press the key, the audio file will play repeatedly. <br><br> The audio file will play immediately when you press the key. |
| LW | **Loop Wait** <br><br> When you press the key, the audio file will play repeatedly. <br><br> With this setting, pressing the key while another audio file is playing will reserve the audio file to be played next. When the currently playing audio file has finished, the reserved audio file will play. |
| STOP | When you press this key, the audio file will stop playing. |

* **If no audio file is assigned to the B♭0–B1 keys, nothing is shown in the graphic in the screen.**

1. **Play a key B♭0–B1.**

   The audio file assigned to that key will play.
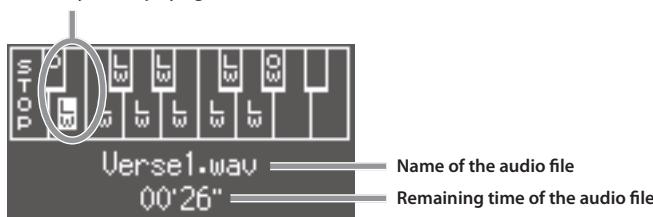


B♭0–B1

If you press the B0 key, a screen like the following will appear.

The key in the screen whose audio file is playing will change color.
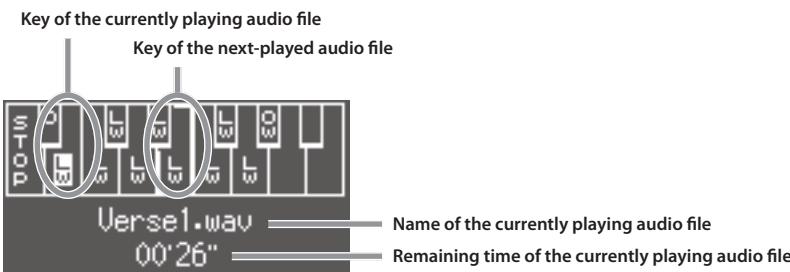
The screen also shows the name and remaining time of the currently playing audio file.

**The key that is playing an audio file**



Name of the audio file

Remaining time of the audio file

While an audio file plays, keys assigned as "OW" and "LW" can be reserved as the audio file to be played next.
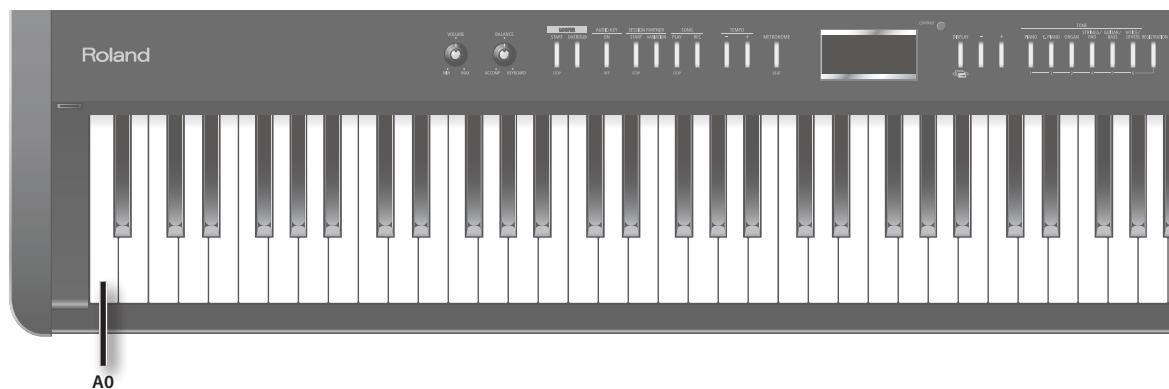
If you've pressed the B0 key and then press the E1 key to reserve the audio file to be played next, a screen like the following will appear.

**Key of the currently playing audio file**

**Key of the next-played audio file**

**Name of the currently playing audio file**

**Remaining time of the currently playing audio file**

\* **The border of the reserved audio file will be shown with a thicker border in the screen.**
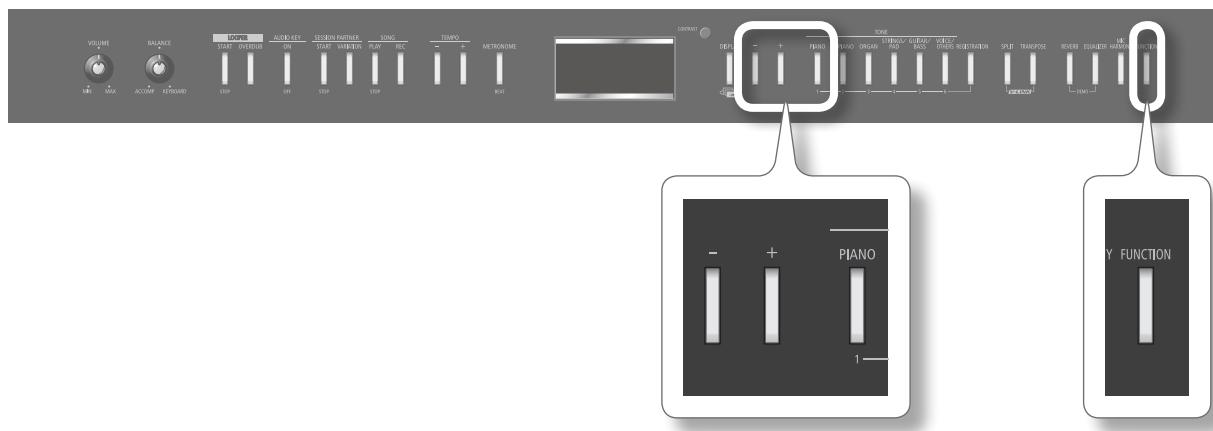
2. **Press the A0 key.**

The audio file will stop playing.

A0

# Creating a Personalized Piano Sound (Piano Designer)

The FP-7F lets you create your own piano sound by adjusting settings such as the sympathetic resonance of the piano strings. This function is called "Piano Designer."

1.  **Enter Function mode, and choose "Piano Designer" (p. 64).**

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

```
Piano Designer
Lid
Damper Resonance
Hammer Noise
DISPLAY:Exit  PIANO:Enter
```

**MEMO**

To access the Piano Designer screen directly without entering Function mode, select the "Grand Piano1" tone, and then hold down the [DISPLAY] button and press the [PIANO] button.
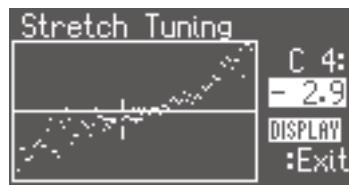
3.  **Use the [-] [+] buttons to select the item you want to edit (p. 35).**

4.  **Press the [PIANO] button.**

An edit screen for the items will appear.

Pressing the [DISPLAY] button will take you back to the Piano Designer screen.

5.  **Use the [-] [+] buttons to edit the setting.**

6.  **Repeat steps 3–5 to create your own personalized piano sound.**

7.  **Press the [FUNCTION] button to exit function mode.**

**MEMO**

The edited settings will return to their original values when you turn off the power.
If desired, you can have these settings be retained even while the power is turned off (p. 75).

# Piano Designer Settings

| Parameter | Value | Explanation |
|---|---|---|
| Lid | 0–6 | Adjusts the extent to which the lid of the grand piano is open.<br>Lower values produce a softer sound.<br>Higher values produce a brighter sound. |
| Damper Resonance | Off, 1–10 | This adjusts the damper resonance of the acoustic piano sound (the sympathetic vibration produced in strings other than those actually played when you press the damper pedal).<br>Higher settings will make the sympathetic vibration louder. |
| Hammer Noise | -2–0–2 | This adjusts the sound produced when the hammer of an acoustic piano strikes the string.<br>Higher settings will produce a louder sound of the hammer striking the string. |
| Hammer Response | Off, 1–10 | This adjusts the time from when you play a key until the piano sound is heard.<br>Higher settings will produce slower response. |
| Duplex Scale | Off, 1–10 | This adjusts the sympathetic vibrations of an acoustic piano's Duplex Scale.<br>Higher settings will make the sympathetic vibration louder. |
| String Resonance | Off, 1–10 | This adjusts the string resonance of the acoustic piano sound (the sympathetic vibrations of strings for previously played notes that occur when you play another note).<br>Higher settings will make the sympathetic vibration louder. |
| Key Off Resonance | Off, 1–10 | This adjusts sympathetic vibrations such as an acoustic piano's key-off sound (the subtle sound that occurs when you release a note).<br>Higher settings will make the sympathetic vibration louder. |
| Cabinet Resonance | Off, 1–10 | Adjusts the body resonance of the grand piano itself.<br>Higher values will produce a larger body resonance. |
| Damper Noise | Off, 1–10 | This adjusts the damper noise of the acoustic piano sound (the sound of the damper releasing the strings when you press the damper pedal).<br> * **If Damper Resonance is turned "Off," damper noise will not be heard.** |
| Stretch Tuning | Off, Preset,<br>User (User: -50–0–+50) | This lets you specify the amount of "stretch tuning," a tuning method specifically for pianos, in which the high range is tuned slightly sharper, and the low range is tuned slightly flatter.<br>If you select "Preset," a standard tuning curve created for the FP-7F will be used.<br>If you select "User," you'll be able to edit the stretched tuning yourself. Play the key whose pitch you want to adjust, then use the [-] or [+] buttons to adjust its pitch.<br><br>Stretch Tuning  C 4: -2.9  DISPLAY :Exit |

## What is the Duplex Scale?

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

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

# Simulating the Way that Sounds are Created on an Organ (Tone Wheel)

On the FP-7F, you can use the [ORGAN] button to select one of the "TW-Organ 1–6" tones to play tones that simulate the way in which sound is produced by an organ.

On a tone wheel organ, you can create original sounds by sliding nine harmonic bars (drawbars) forward or backward to change their relative balance. Each bar is assigned a different footage, and this footage determines the pitch of the sound. 8' is the footage that forms the basic pitch of the sound; this is the center around which you create the tone.

By assigning the footage to the TONE buttons, you can simulate the way in which these harmonic bars are used to create the sound.

## What's the feet?
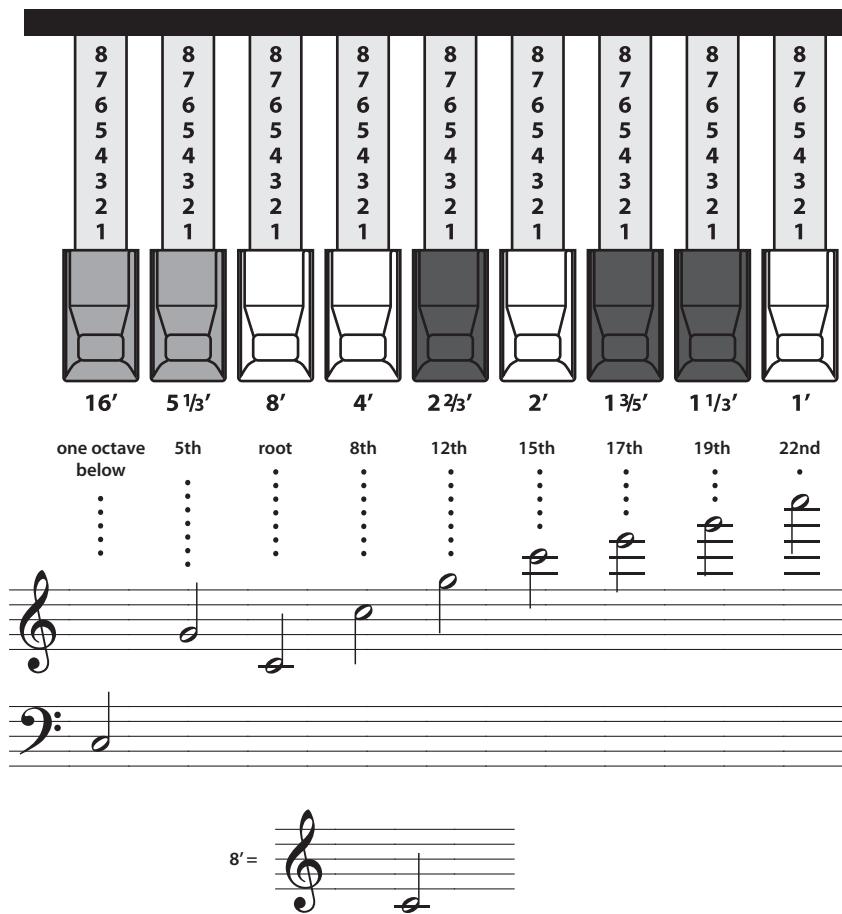
"Feet" is a term that began as a measurement of the length of the pipes in a pipe organ.

The pipes that produce the basic pitch (fundamental) for each note are considered to be "8 feet" in length.

Therefore, a pipe producing a pitch one octave below that of the reference of 8' (eight feet) would be 16'; for one octave above the reference, the pipe would be 4', and to take the pitch up yet another octave it would be shortened to 2'.

The pitches of the harmonic bars are related as follows.

**When the middle C (C4) note is pressed, each harmonic bar will sound the following notes.**
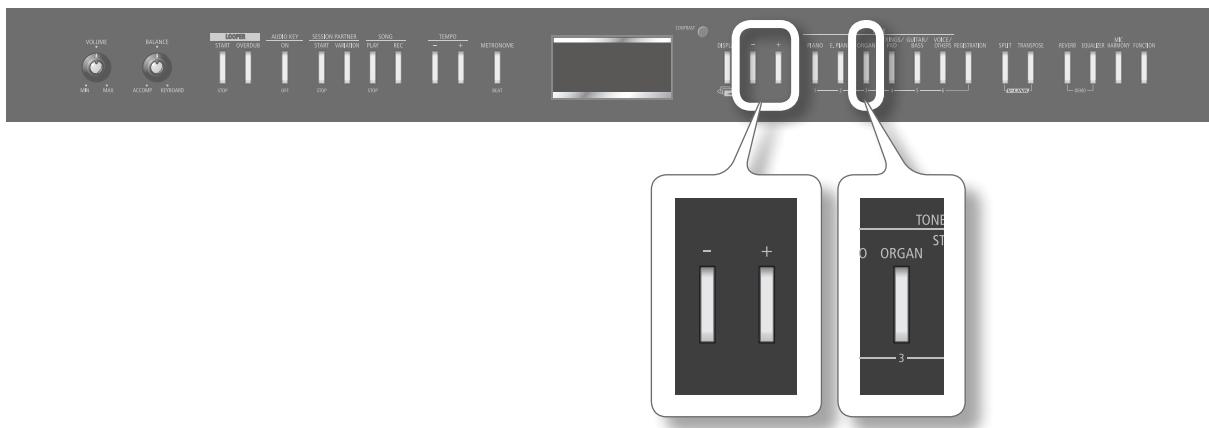


On tone wheel organs, the high-pitched footage for a portion of the high range, and the low-pitched footage for a portion of the low range are "folded-back" in units of one octave.

Folding back the high-frequency portion prevents the high-frequency sounds from being unpleasantly shrill, and folding back the low-frequency portion prevents the sound from becoming "muddy."

On the FP-7F faithfully simulates this characteristic.
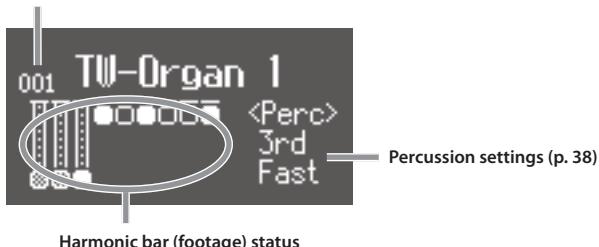
# Selecting the Type of Tone Wheel Organ



1. **Press the [ORGAN] button so it's lit.**

2. **Use the [-] [+] buttons to select one of the "TW-Organ 1–6" tones.**

   The tone wheel organ screen will appear.
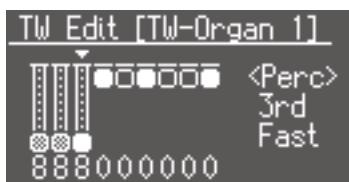
   **Tone wheel organ tone number**

   

   Percussion settings (p. 38)

   **Harmonic bar (footage) status**

# Selecting the Footage to Adjust the Volume (Edit Tone Wheel)

1. **Enter Function mode, and choose "Edit Tone Wheel" (p. 64).**

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

3. **Use the [-] [+] buttons to select the tone wheel organ tone that you want to edit.**

4. **Press the [PIANO] button.**

   The TW Edit screen will appear.
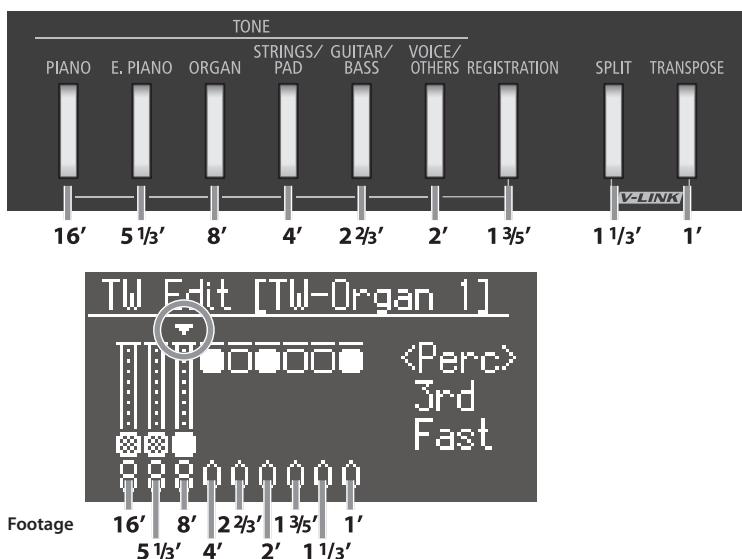
   

   **MEMO**

   - After selecting one of the "TW-Organ 1–6" tones, you can go to the TW Edit screen without entering Function mode by holding down the [DISPLAY] button while you press the [ORGAN] button.

   - Pressing the [DISPLAY] button will take you back to the previous screen.

5. **Press one of the TONE buttons, the [REGISTRATION] button, the [SPLIT] button, or the [TRANSPOSE] button to select the footage for which you want to edit the volume.**



## Adjusting the Volume of a Footage

1. **Use the [-] [+] buttons to adjust the volume of the selected footage.**

   The screen will indicate the volume as you adjust it.



Volume of each footage

## Adding Sparkle to the Sound (Percussion)

Percussion adds an attack-type sound to the beginning of the note to give the sound more crispness.
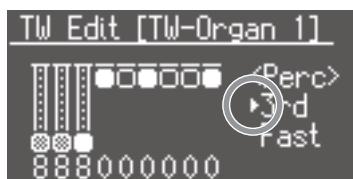
The attack sound changes according to the value.

The percussion on tone wheel organs did not apply to all notes that were played.

When notes were played legato (smoothly and connectedly), percussion was applied only to the first-played note. When notes were played staccato (articulating each note separately), percussion was applied to all notes. This method is referred to as single trigger algorithm, and is a very important element in organ performance. On the FP-7F faithfully simulates this characteristic.

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

   Move the cursor to the switch that selects the percussion type.



2. **Use the [+] [-] buttons to select the percussion type.**

| Setting | Explanation |
|---------|-------------|
| Off | Percussion will not sound. |
| 2nd | Percussion sounds at a pitch one octave above that of the key pressed. |
| 3rd | Percussion sounds at a pitch an octave and a fifth above that of the key pressed. |

* **The Percussion is applied only to the Upper Tone.**

* **When percussion is on, the 1' pitch will not be produced.**

## Adjusting the Rate at which the Percussion Decays

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

Move the cursor to the switch that selects the speed at which the percussion sound will decay.

```
TW Edit [TW-Organ 1]
  ||||■□□□□□  <Perc>
      ■          3rd
             ▸Fast
██
884000000
```

**2.    Use the [+] [-] buttons to select the speed at which the percussion sound will decay.**
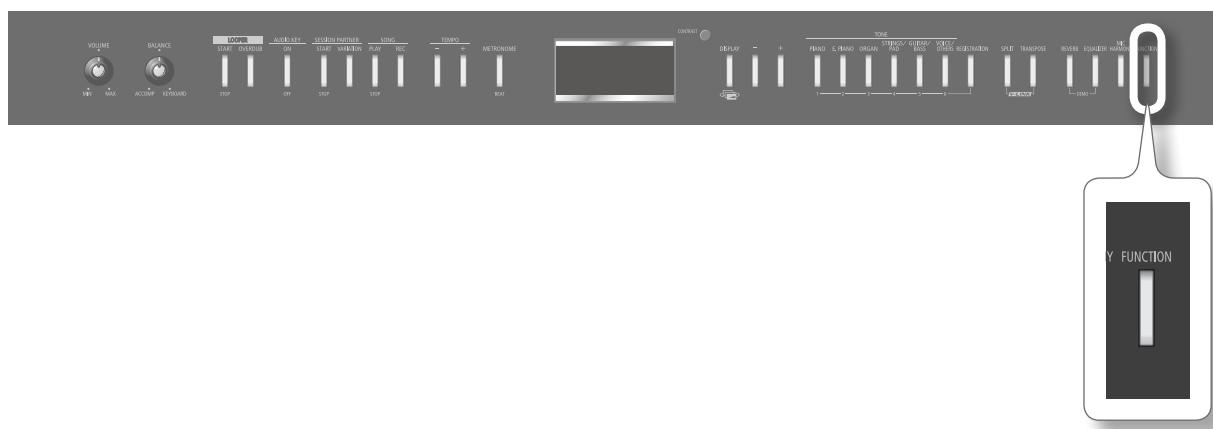
| Setting | Explanation |
|---------|-------------|
| Slow | The percussion sound will disappear slowly.<br>The percussion will have a more gentle attack. |
| Fast | The percussion sound will disappear quickly.<br>The percussion will have a sharper attack. |

Pressing the [DISPLAY] button will take you back to the previous screen.

# Disabling the Buttons (Panel Lock)

The Panel Lock function lets you disable all buttons.
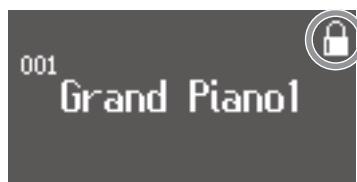
In this state, the settings will not change even if you inadvertently touch a button while performing.



1.  **Hold down the [FUNCTION] button for several seconds.**

    Panel Lock will be activated.

    A "lock" symbol is shown in the upper right of the display, and the panel will be locked.



    To cancel Panel Lock, hold down the [FUNCTION] button once again for several seconds.

    Panel Lock will also be cancelled when you turn off the power.

    *   **If you activate Panel Lock while a song is playing or recording, playback or recording will stop.**

    *   **Under the following circumstances, Panel Lock cannot be activated.**
        • **When the instrument is in Function mode (p. 64)**
        • **When you're in the demo song screen**
        • **When something is being played by Session Partner**
        • **When the Looper is being used**
        • **When Audio Key is being used**
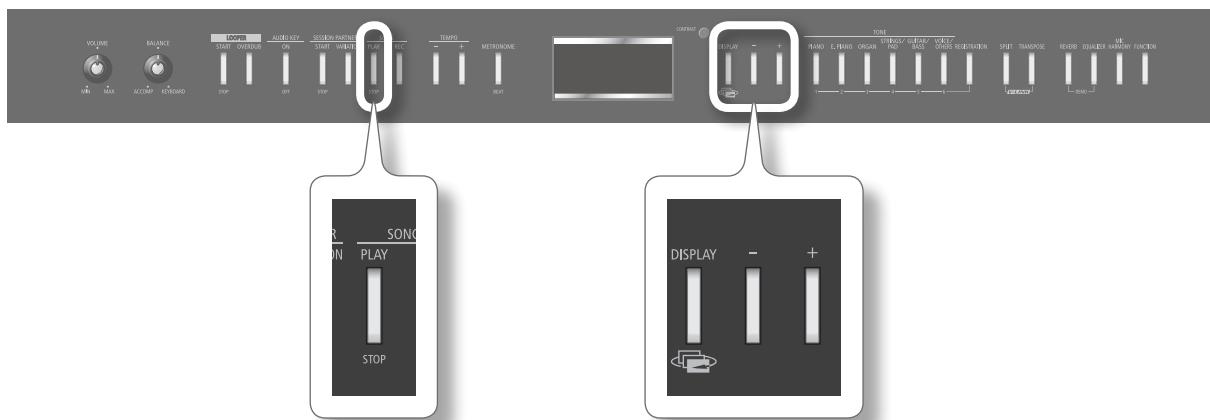
# Listening to Songs

## Playing Back Songs
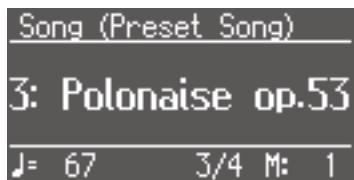
Here's how to listen to the built-in songs. The FP-7F provides seventy four built-in songs.

**MEMO**

You can also play songs from a separately available CD drive or USB memory (p. 78).



1. **Press the [DISPLAY] button a number of times to access the SONG screen.**

2. **Use the [-] [+] buttons to select a song.**



Song (Preset Song)

3: Polonaise op.53

♩= 67      3/4 M:  1

3. **Press the SONG [PLAY/STOP] button.**

   Playback will stop when the end of the song is reached.

   To pause the playback, press the SONG [PLAY/STOP] button once again.
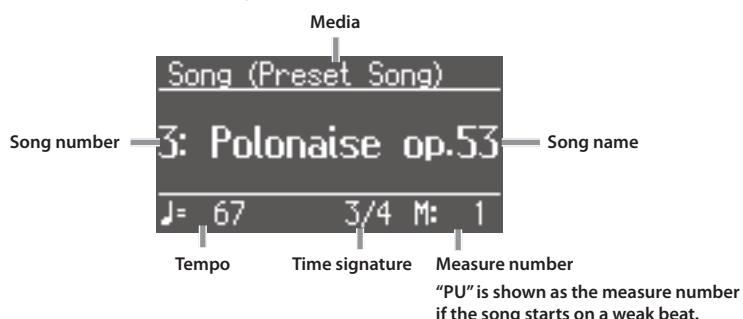
   When you then press the SONG [PLAY/STOP] button, playback will resume from where you paused.

### Fast-forward and rewind

| Operation | Button |
|---|---|
| **To beginning of next song** | Press the [+] button. |
| **To beginning of song** | Press the [-] button. |
| **Fast-forward** | Hold down the [+] button for several seconds during playback. |
| **Rewind** | Hold down the [-] button for several seconds during playback. |
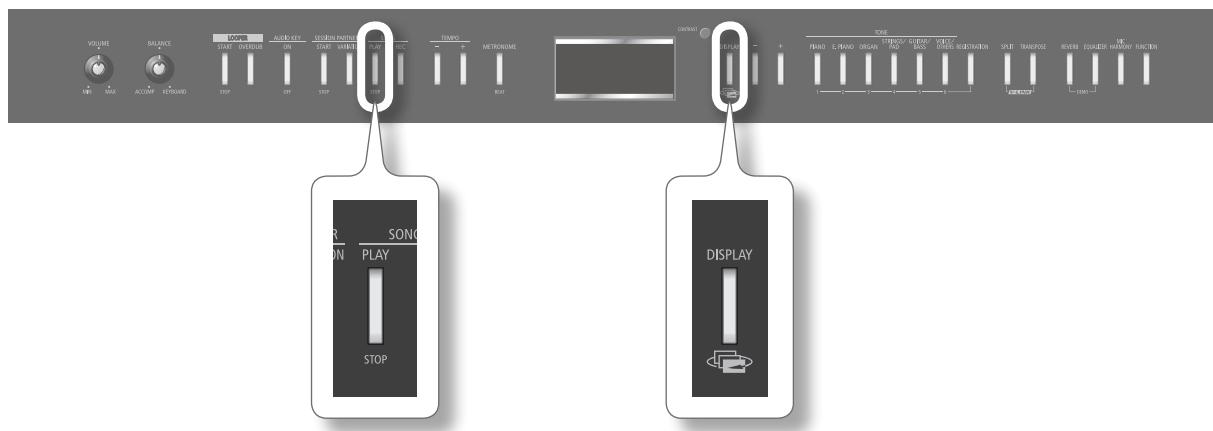
### Explanation of the display



Media

Song number — Song name

Tempo    Time signature    Measure number

"PU" is shown as the measure number
if the song starts on a weak beat.

# Playing All Songs Successively (Play All)
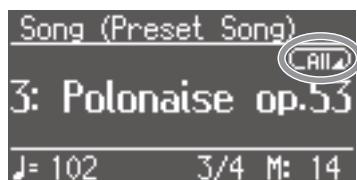
Here's how to play all the built-in songs (or all the songs in internal memory, or all the songs in USB memory) repeatedly in succession.

This function is called "Play All."

1. **Hold down the [DISPLAY] button and press the SONG [PLAY/STOP] button.**
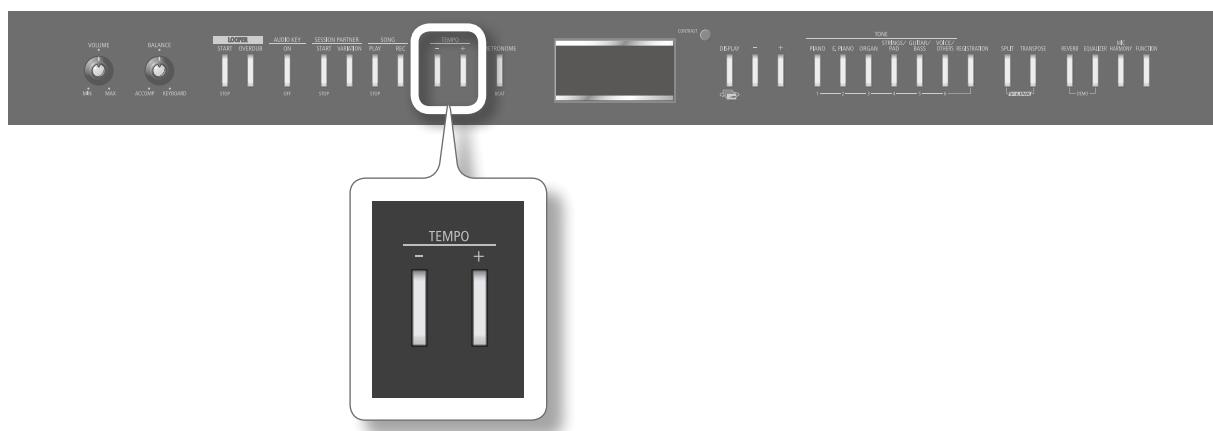
   Play All will be activated, and an icon will appear in the screen.

   ```
   Song (Preset Song)      (All)
   3: Polonaise op.53
   ♩= 102          3/4 M: 14
   ```

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

# Adjusting the Song Tempo

You can adjust the tempo at which the song plays.

1. **Press the TEMPO [-] or TEMPO [+] button.**
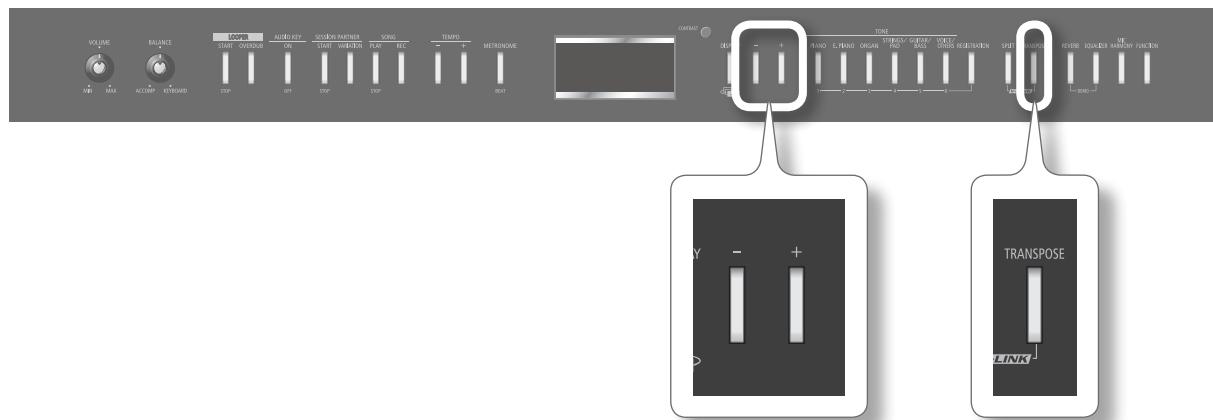
   The tempo will change.

## Correspondence between beat and tempo display

| 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 |
|------|-----|-----------------------------------|-----|----------------|
| Tempo | ♩ = 5–250 | ♩ = 10–500 | ♪ = 20–999 | ♩. = 7–333 |
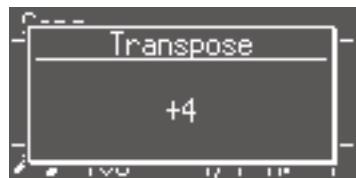
# Changing the Playback Key (Playback Transpose)

You can change the key in which the song plays. This function is called "Playback Transpose."



1. **Play back the song (p. 41).**

2. **Hold down the [TRANSPOSE] button and press the [-] or [+] button.**

   The song's key will change in semitone steps.

   

| Transposition range | -6–0–5 (semitone steps) |
|---|---|

The playback transposition setting is displayed while you hold down the [TRANSPOSE] button.

If the setting is anything other than 0, the [TRANSPOSE] button will be lit.

The playback transposition setting will return to "0" when you select another song.

**MEMO**

- To reset the playback transposition setting to the original value (0), hold down the [TRANSPOSE] button and press both the [-] and [+] buttons simultaneously.

- You can use the [TRANSPOSE] button to turn the Playback Transpose function on/off (if the transposition setting is anything other than "0").

- The FP-7F lets you to choose whether to transpose just the song, both the keyboard and the song, or just the keyboard (p. 72). With the factory settings, both the keyboard and song will be transposed simultaneously.

\* **The Playback Transpose function will not be applied if the Transpose Mode (p. 72) is set to "keyboard."**

\* **The Playback Transpose function does not work with respect to an Audio Key audio file or a Looper phrase.**

\* **The tone quality of the sound may change if you use the Playback Transpose function when playing back a music CD song or an audio file.**

\* **If you use the Playback Transpose function while a song from a music CD or an audio file is being played back, the Harmony will be turned off.**

# Performing Along with Rhythm (Session Partner)

## What is Session Partner?

"Session Partner" is a function that provides an accompaniment in a style such as jazz or rock.
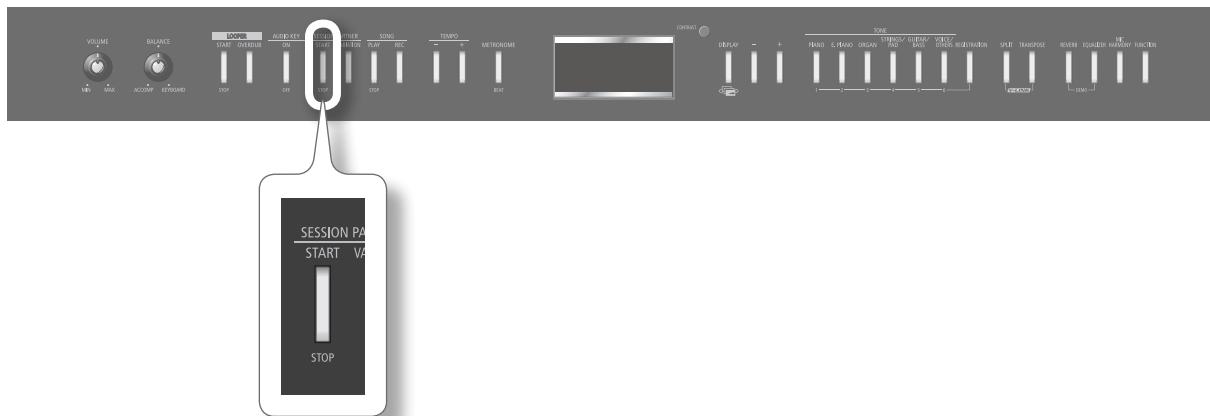
This realistic-sounding accompaniment lets you enjoy performing as though you're playing with a backup band.

Session Partner lets you do the following things.

- Make the chords progress automatically while you play along with Session Partner (p. 44).
- Use your left hand (the left-hand zone of the keyboard) to specify the chords, allowing you to perform with the desired chord progression (p. 68).
- Perform with your own original chord progression (p. 47).

## Performing with Session Partner

Here's how you can perform with Session Partner.
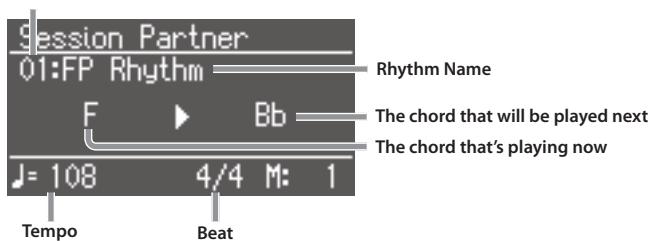


1. **Press the SESSION PARTNER [START/STOP] button.**

   The SESSION PARTNER [START/STOP] button will light, and the performance will start with an intro.

   The SESSION PARTNER [VARIATION] button will blink during the intro.

   The display will indicate the chord. The chords will progress automatically; go ahead and play a melody as desired.



   The chord name indication will be highlighted slightly before the chord changes.



### Stopping the Session Partner Performance

1. **Press the SESSION PARTNER [START/STOP] button.**

   Session Partner will play an ending, and then stop.

   The SESSION PARTNER [VARIATION] button will blink while the ending is playing. When Session Partner has stopped, the SESSION PARTNER [START/STOP] button will go out.

   The performance will stop immediately if you press the SESSION PARTNER [START/STOP] button once again during the intro or ending.

   * **You can't use the Audio Key function or the Looper function while performing with Session Partner.**

   **MEMO**

   By turning Intro/Ending Sw (p. 67) "Off," you can perform without adding an intro or ending.

## Selecting a Rhythm

Here's how to select a different rhythm that's suitable for the song you're playing.
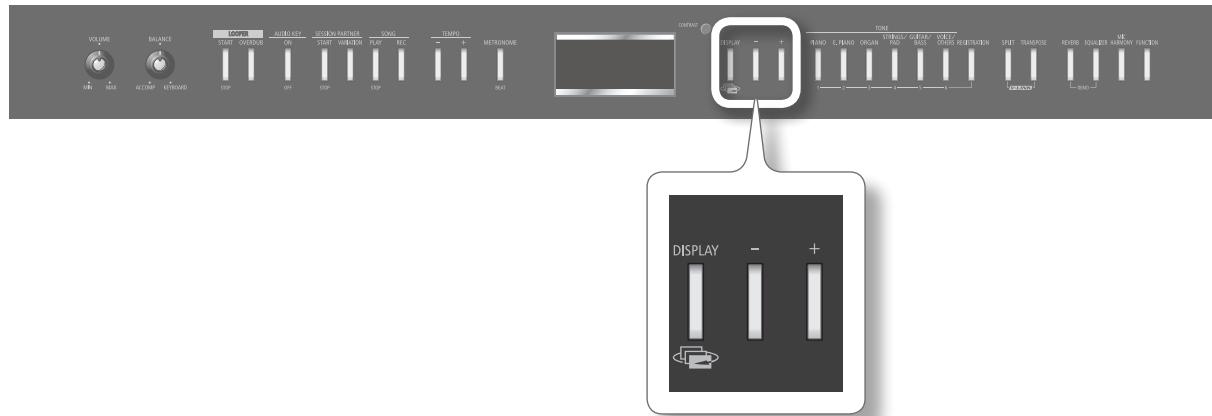
### What is a Rhythm?

The FP-7F contains built-in "Rhythms" for musical styles such as jazz and rock.

Each of these rhythms combines elements that create the distinctive atmosphere of that musical style; they are the basis of the accompaniment produced by Session Partner.
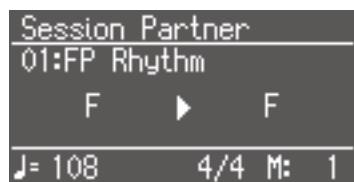
Each rhythm consists of the following three elements.

- Drums
- Bass
- Accomp (accompaniment other than drums and bass)



1. **Press the [DISPLAY] button a number of times to access the SESSION PARTNER screen.**

   The display will show the number and name of the rhythm.



2. **Use the [-] [+] buttons to select a rhythm.**

   For details on the available rhythms, refer to "Rhythm List (Session Partner)" (p. 95).
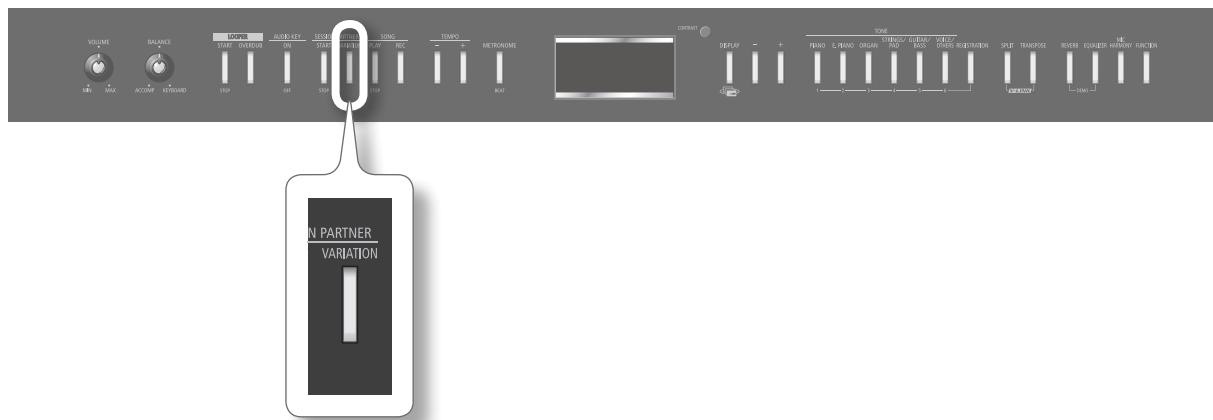
   **MEMO**
   - You can press the TEMPO [-] or TEMPO [+] button to change the rhythm's tempo.
   - You can choose which rhythm parts will sound (p. 67).

# Adding Variation to the Rhythm

Each rhythm provides two accompaniment patterns; the original accompaniment pattern and a more colorful variation accompaniment pattern.

A fill-in (a short phrase) will be inserted when the accompaniment pattern changes, making your song more expressive. For example, it's effective to use the quieter original pattern during the first half of the song, and then switch to the variation pattern later in the song as the energy level builds up.

1. **Press the SESSION PARTNER [VARIATION] button to switch the accompaniment pattern.**

| SESSION PARTNER [VARIATION] button | Explanation |
|---|---|
| Unlit | The original accompaniment pattern will play. |
| Lit | The variation accompaniment pattern will play. |
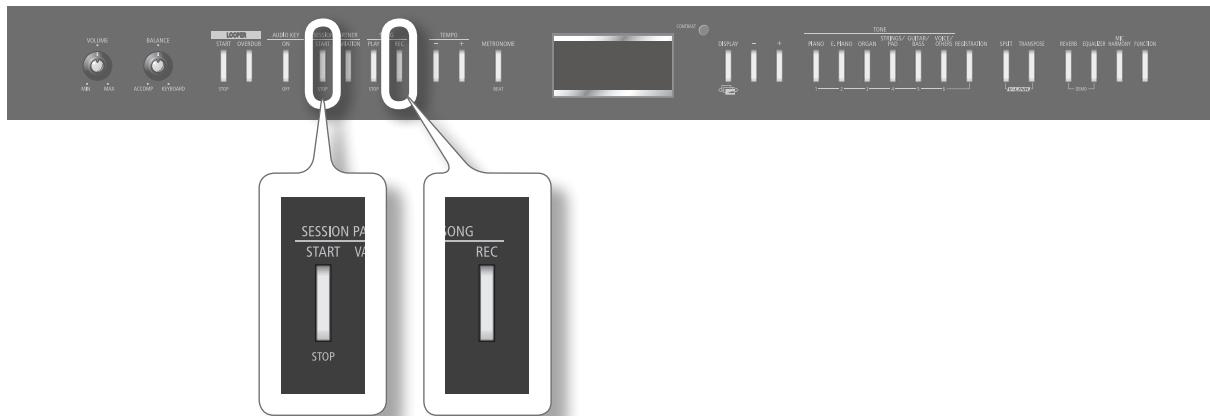
The SESSION PARTNER [VARIATION] button will blink while the fill-in is playing.

## What's a "Fill-In"?

A short improvisational phrase inserted at the bar line is called a "Fill-In." The phrase best suited to the selected Rhythm is played.

# Creating an Original Chord Progression Pattern

Session Partner contains chord progression pattern data suitable for each rhythm, but you can also create your own original chord progression pattern.



1. **Hold down the SESSION PARTNER [START/STOP] button and press the SONG [REC] button.**

   The SESSION PARTNER [START/STOP] button and the SONG [REC] button will blink, and the FP-7F will enter recording-standby mode.

   A screen like the following will appear.

   

   To exit recording-standby mode, you can press the SESSION PARTNER [START/STOP] button or the SONG [REC] button.

2. **To start recording your chord progression, use the left-hand zone of the keyboard to specify chords.**

   The chord you press is shown in the display. The intro will not play at this time.

   You can store up to sixteen chords.

3. **Press the SESSION PARTNER [START/STOP] button to stop recording your chord progression.**

   The recorded chord progression is recorded in "User Chord." To select a recorded chord progression, press the [-] button when chord progression pattern number 1 is displayed, and select "User Chord" (p. 67).

   **MEMO**
   - Each chord progression pattern can be up to sixteen measures long. When the FP-7F is shipped from the factory, it is set so that a chord progression of up to eight measures can be recorded. Recording will stop automatically when you exceed the currently specified number of measures.
     A maximum of sixteen chords can be stored.
     If you want to change the number of measures for the chord progression to be recorded, refer to "Changing the Number of Measures for Recording a Chord Progression" (p. 48).
   - If desired, you can keep the chord progression pattern from changing even when you switch rhythms. Refer to "Fixing the Chord Progression Pattern (Chord Prog. Fix)" (p. 68).
   - Your original chord progression pattern will not play correctly if you play it using a time signature that's different from when you recorded it.
   - Your original chord progression patterns can be saved in a Registration (p. 49).

   \* **The chord progression you record will be lost when you turn off the power. If you want to keep it, save it in a Registration (p. 50).**
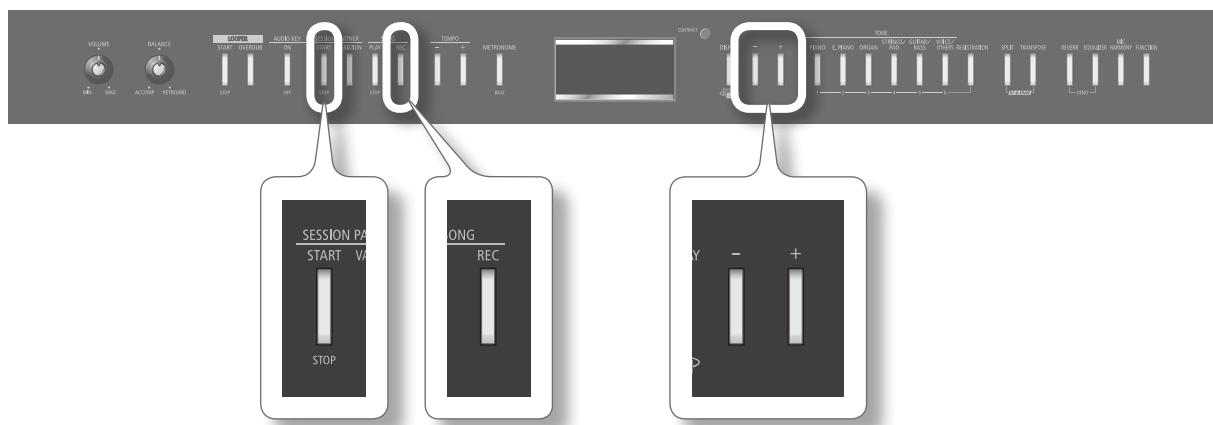
## Switching Chord Progression Patterns while You Perform

If you switch registrations while Session Partner is playing, the chord progression pattern will also change. By switching chord progression patterns, you can easily perform with accompaniment for an entire song.

For example, store the chord progression pattern for melody "A" in registration 1-1, and store the chord progression pattern for melody "B" in registration 1-2. Then, while Session Partner plays, switch the registration from 1-1 to 1-2 at the right moment. The chord progression used by Session Partner will switch from the melody "A" pattern to the melody "B" pattern.

## Changing the Number of Measures for Recording a Chord Progression

When creating your own original chord progression pattern, you can specify the number of measures for which the chord progression will be recorded. When the power is turned on, this is set to eight measures.
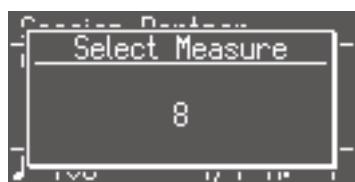


1. **Hold down the SESSION PARTNER [START/STOP] button and press the SONG [REC] button.**

   A screen like the following will appear.

   

   ```
   User Chord Rec

   Play Chord
   ```

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

   The screen shows the number of measures for which the chord progression will be recorded.

   

   ```
   Select Measure

   8
   ```

3. **Use the [-] [+] buttons to select the desired number of measures.**

   | Number of measures | 4, 8, 12, 16 |
   | --- | --- |

4. **To start recording, specify the desired chord in the left-hand zone of the keyboard.**

   Press the SESSION PARTNER [START/STOP] button to stop recording.

# Registering Your Favorite Performance Settings
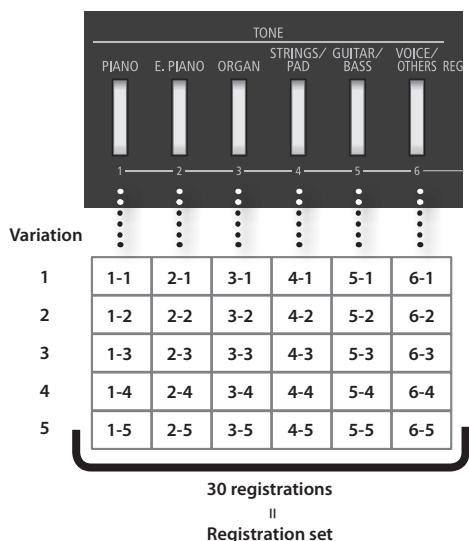
## What is a Registration?

You can save favorite settings such as the tones you've selected, the Dual Play or Split Play setting, and the Session Partner settings.

Each set of these settings is called a "Registration."

You can use the [REGISTRATION] button to store 30 registrations. The 30 registrations you've saved are collectively called a "registration set."

Five registrations can be saved in each of the six buttons [1]–[6].

| Variation | | | | | | |
|---|---|---|---|---|---|---|
| 1 | 1-1 | 2-1 | 3-1 | 4-1 | 5-1 | 6-1 |
| 2 | 1-2 | 2-2 | 3-2 | 4-2 | 5-2 | 6-2 |
| 3 | 1-3 | 2-3 | 3-3 | 4-3 | 5-3 | 6-3 |
| 4 | 1-4 | 2-4 | 3-4 | 4-4 | 5-4 | 6-4 |
| 5 | 1-5 | 2-5 | 3-5 | 4-5 | 5-5 | 6-5 |

**30 registrations**
=
**Registration set**
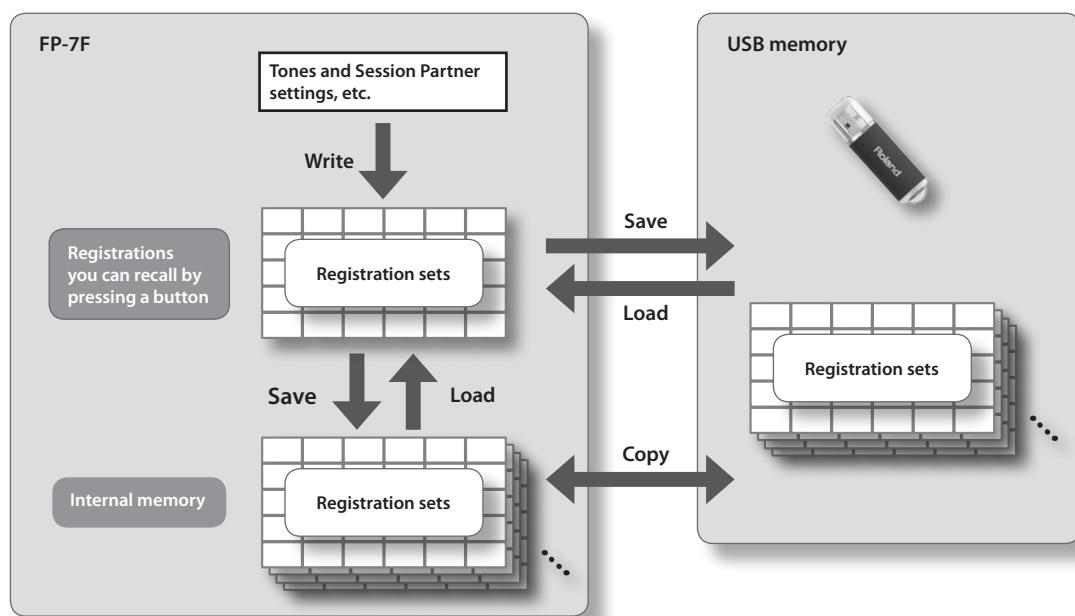
**MEMO**

- You can save registration sets to the FP-7F's internal memory or to separately available USB memory (p. 68).
- For more about the settings saved in a registration, refer to "Items Stored in a Registration" (p. 91).

### Saving or Loading Registrations

Registrations saved on the FP-7F can be saved and loaded as follows (p. 68).
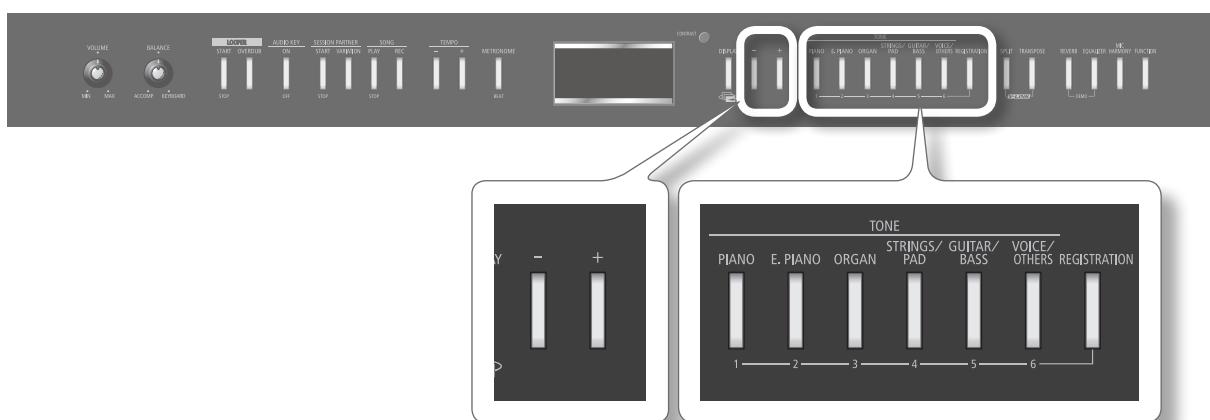
# Storing Your Performance Settings (Registration)

You can use the [REGISTRATION] button to store your performance settings.

With the factory settings, recommended performance settings have already been stored. If you want to create an original registration, we suggest that you start with registrations 6-1 through 6-5.

**MEMO**

For more about the settings saved in a registration, refer to "Items Stored in a Registration" (p. 91).



## Choosing where to Store the Registration

1. **Make the desired Session Partner settings and choose the desired tone(s).**

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

   When you release the [REGISTRATION] button, a screen like the following will appear.



   **Variation number**

   **Button number**

   **MEMO**

   When this screen is displayed, you can press the [PIANO] button or the [E. PIANO] button to select the button at which you want to store the registration and the variation number. At this time, you can also use the [+] [-] buttons to change the storage destination.

## Renaming the Registration

1. **Rename the registration (p. 57).**

   If you decide not to store the registration, press the [DISPLAY] button.

## Storing the Registration

\* **Be aware that when you store your registration, the registration that was previously stored at that location will be lost.**

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

   Your performance settings will be stored.

   The [REGISTRATION] button will change from blinking to lit.
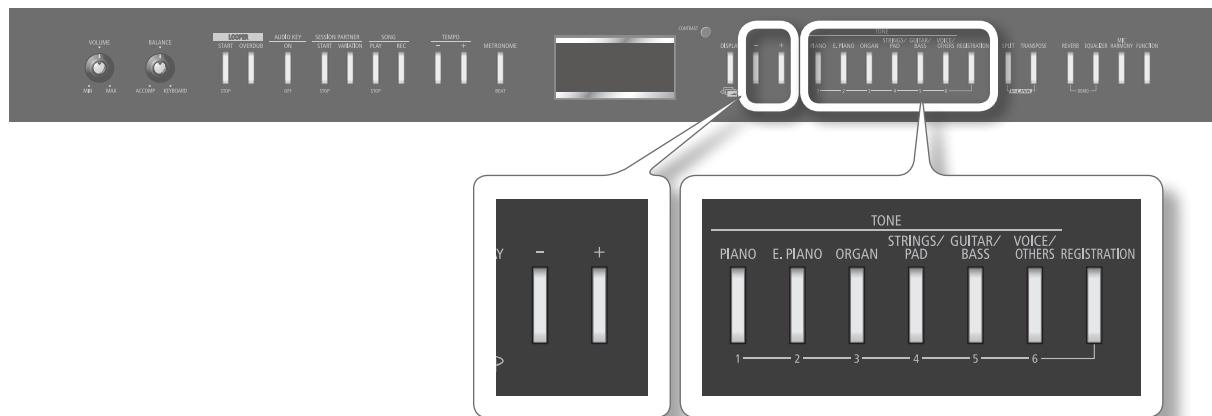
\* **Never turn off the power while the screen indicates "Executing..."**

   **MEMO**

   - To select a registration that you've stored, refer to "Recalling a Registration" (p. 51).

   - You can return the stored contents to their factory-set condition. Refer to "Restoring the Factory-set Condition (Factory Reset)" (p. 75).

   - Registrations stored on the FP-7F can be saved (p. 68) and copied (p. 70).
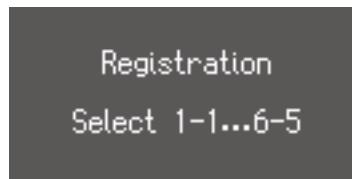
# Recalling a Registration

It's easy to recall settings you've stored using the [REGISTRATION] button.



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

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

   

   ```
   Registration
   Select 1-1...6-5
   ```

2. **Use the [1]–[6] buttons to choose the button in which the desired registration is saved.**

   

   ```
   2-1 E.Piano / Bs
   001
   Vintage EP
   FretlessBass
   ```

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

   The performance settings will change.

   **MEMO**
   - You can use a pedal to recall registrations (p. 70).
   - A set of registrations that you've saved in internal memory or on USB memory can be loaded to the [REGISTRATION] button (p. 69).

# Recording Your Performance

## Recording Your Keyboard Performance

It's easy to record your performance.

You can play back a recorded performance to evaluate your own playing, or to play along with the recorded performance.

### If the following screen appears

If you attempt to select another song or record a new song without saving your recorded performance, a confirmation message will appear.

```
┌────────────────────────┐
│ OK to erase Song?      │
│        TEMPO           │
│     ⊟         ⊞        │
│   Cancel      OK       │
└────────────────────────┘
```
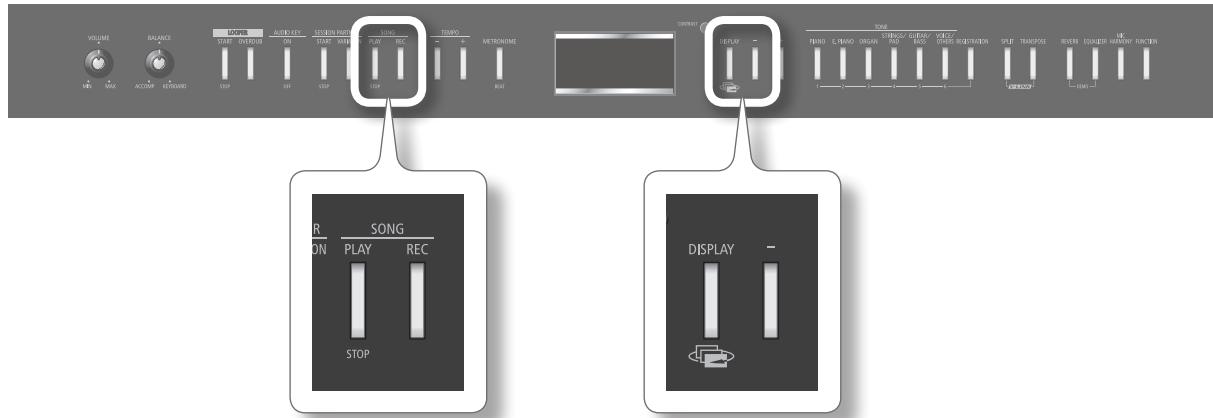
| If it's OK to erase the recorded performance | Press the TEMPO [+] button. |
|---|---|
| If you want to save the recorded performance | Press the TEMPO [-] button to store the recorded performance into internal memory or USB memory (p. 56, p. 80). |

## Preparing to Record
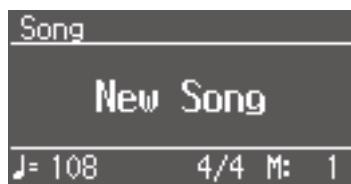
1. **Select the tone you want to play (p. 20).**

   Sound the metronome if desired (p. 21).

2. **Press the SONG [REC] button.**

   The display will indicate "New Song."

   The SONG [REC] button will light, the SONG [PLAY/STOP] button will blink, and the FP-7F will enter recording-standby mode.

   ```
   ┌────────────────────────┐
   │ Song                   │
   │                        │
   │     New Song           │
   │                        │
   │ ♩= 108      4/4 M:  1  │
   └────────────────────────┘
   ```

   If you decide not to record, press the SONG [REC] button once again.

3. **Set the tempo and time signature of the song (p. 21, p. 42).**

# Starting and Stopping Recording

**1.** **Press the SONG [PLAY/STOP] button or play the keyboard.**

You'll hear a two-measure count (the measure number in the lower right of the display will indicate "-2" and then "-1"), and recording will start.

When recording starts, the SONG [PLAY/STOP] button and SONG [REC] button will light.

**MEMO**

If you started recording by playing the keyboard, the count will not be sounded.

**2.** **Press the SONG [PLAY/STOP] button or SONG [REC] button.**

Recording will stop.

# Listening to the Recorded Performance

**1.** **Press the [DISPLAY] button a number of times until "New Song" appears in the display.**

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

You'll return to the beginning of the recorded performance.

**3.** **Press the SONG [PLAY/STOP] button.**

The recorded performance will play back.

Playback will stop when you press the SONG [PLAY/STOP] button once again.

**MEMO**

If you press the SONG [PLAY/STOP] button while the metronome is sounding, a two-measure count-in will be sounded before playback begins.

\* **The recorded performance will be lost when you turn off the power. If you want to keep your recorded performance, you must save it to internal memory or USB memory (p. 56, p. 80).**

\* **You can't play back another song if a recorded performance exists. You must either delete (p. 55) or save (p. 56) it before you can play back another song.**

# Recording Your Performance with Session Partner

You can easily record session performances to the session partner.

## Preparing to Record

1. **Select the tone you want to play (p. 20).**

2. **Select a rhythm (p. 44).**

3. **Press the SONG [REC] button.**

   The display will indicate "New Song."

   The SONG [REC] button will light, the SONG [PLAY/STOP] button will blink, and the FP-7F will enter recording-standby mode.

   ```
   Song
   _____

        New Song

   ♩= 108     4/4  M:   1
   ```

   If you decide not to record, press the SONG [REC] button once again.

4. **Specify the tempo of the song (p. 42).**

## Starting and Stopping Recording

1. **Press the SESSION PARTNER [START/STOP] button.**

   The rhythm will start playing, and recording will begin at the same time.

   When recording starts, the SONG [PLAY/STOP] button and SONG [REC] button will light.

   **MEMO**
   - For information concerning internal Rhythms and Chord Progression Patterns, refer to "Rhythm List (Session Partner)" (p. 95) and "Chord Progression Pattern List" (p. 96).
   - When carrying out recording using the chords you specify from keyboard (p. 68), recording will start when you specify a chord using keys in the left-hand section of the keyboard.

2. **Press the SONG [PLAY/STOP] button or SONG [REC] button.**

   Recording will stop.

## Listening to the Recorded Performance

**1.** **Press the [DISPLAY] button a number of times until "New Song" appears in the display.**

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

You'll return to the beginning of the recorded performance.

**3.** **Press the SONG [PLAY/STOP] button.**

The recorded performance will play back.

Playback will stop when you press the SONG [PLAY/STOP] button once again.

**MEMO**

If you press the SONG [PLAY/STOP] button while the metronome is sounding, a two-measure count-in will be sounded before playback begins.

\* **The recorded performance will be lost when you turn off the power. If you want to keep your recorded performance, you must save it to internal memory or USB memory (p. 56, p. 80).**

\* **You can't play back another song if a recorded performance exists. You must either delete (p. 55) or save (p. 56) it before you can play back another song.**

# Erasing a Recorded Performance

Here's how to erase a recorded performance.



**1.** **Hold down the [DISPLAY] button and press the SONG [REC] button.**

A confirmation message will appear.



If you decide not to delete the performance, press the TEMPO [-] button.

**2.** **Press the TEMPO [+] button.**

The recorded performance will be erased.
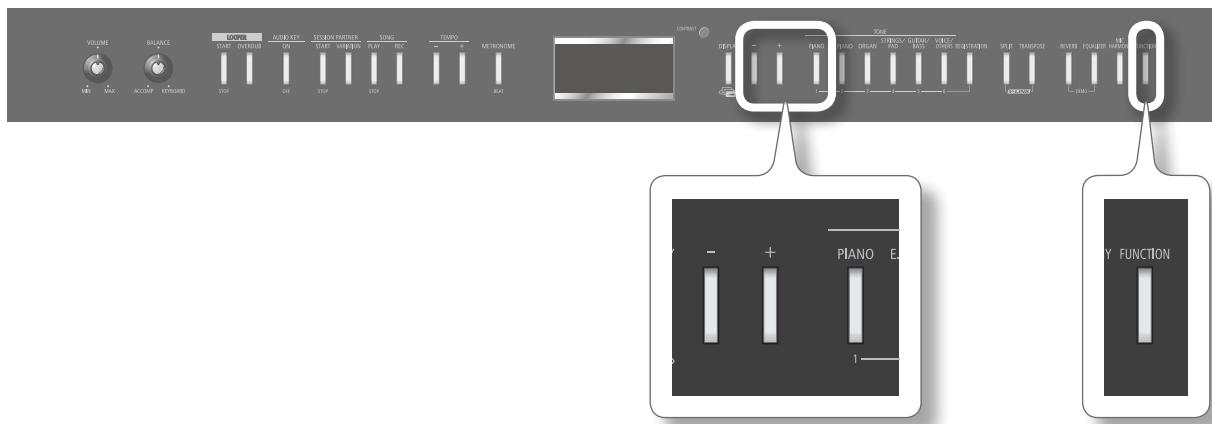
# Saving a Recorded Song (Save Song)

Here's how to save your recorded performance in internal memory.

If you've recorded a song, but then switch off the FP-7F without saving it, your recorded song will be lost. You must save your recorded song in internal memory if you want to keep it.

**MEMO**

You can also save your performance on USB memory (sold separately) (p. 80).



## Preparing to Save

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

   You'll enter function mode.

   

2. **Use the [-] [+] buttons to select "File Menu."**

3. **Press the [PIANO] button.**

   The File Menu screen will appear.
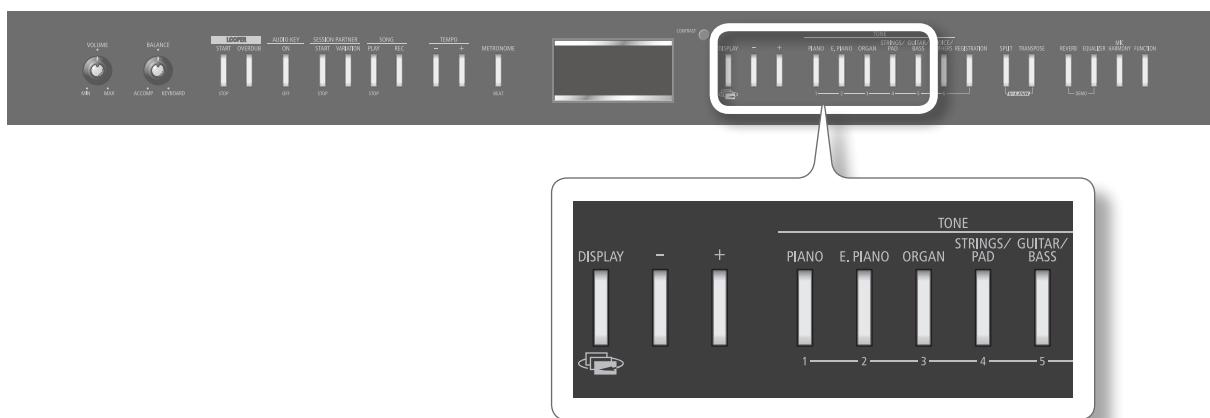
   

4. **Use the [-] [+] buttons to select "Save Song."**

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

   The song rename screen will appear.

# Renaming the Song



| Operation | Button |
|---|---|
| Change characters | Press the [-] or [+] buttons. |
| Select the character to change | Press the [PIANO] button or [E. PIANO] button. |
| Switch the type of characters | Press the [ORGAN] button. |
| Insert a character | Press the [STRINGS/PAD] button. |
| Delete a character | Press the [GUITAR/BASS] button. |

1. **Use the buttons listed above to edit the name.**

   You can press the [DISPLAY] button to return to the File Menu screen.

2. **Hold down the [VOICE/OTHERS] button to confirm the name.**
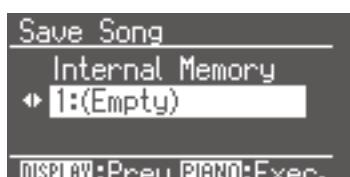
   The song save-destination select screen will appear.



# Selecting the Song Save-destination and Saving

1. **Use the [-] [+] buttons to select "Internal Memory."**

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

   The cursor will move to the save-destination song number.



3. **Use the [-] [+] buttons to select a save-destination.**

   No song has been saved at song numbers whose name field indicates "Empty." Select a song number at which no song has been saved.

   If you want to delete an unwanted song and replace it with the song you're saving, choose the song number that contains the unwanted song.

4. **Press the [PIANO] button.**

   The song will be saved.
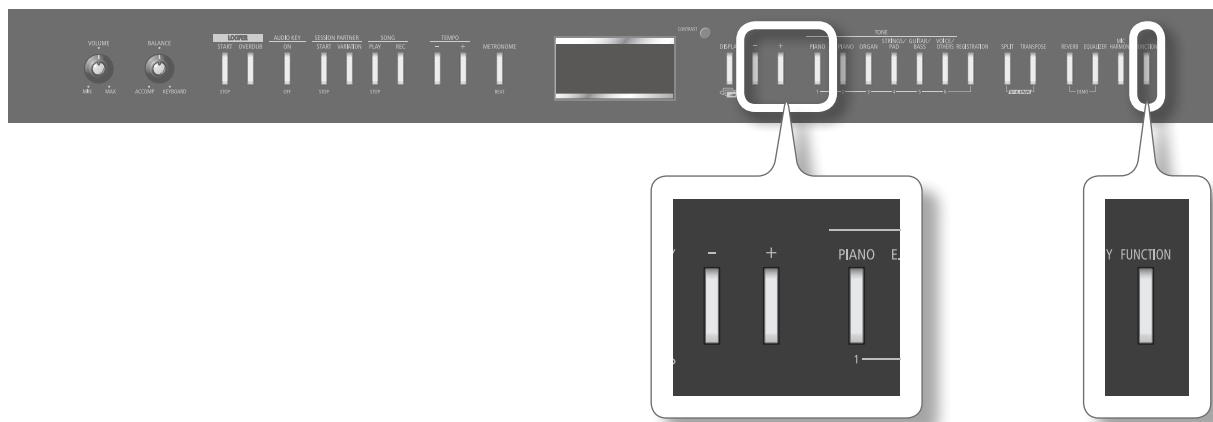
   * **Never turn off the power while the screen indicates "Executing..."**

# Deleting a Saved Song (Delete Song)

Here's how to delete a song that you saved in internal memory.

**MEMO**

You can also delete songs that were saved on USB memory (sold separately) (p. 80).

## Preparing to Delete

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

You'll enter function mode.

```
Functions                    ▲
Piano Designer
Key Touch
Tuning
DISPLAY:Exit PIANO:Enter▼
```

**2. Use the [-] [+] buttons to select "File Menu."**

**3. Press the [PIANO] button.**

The File Menu screen will appear.

```
File Menu                    ▲
Save Song
Copy Song
Delete Song
DISPLAY:Exit PIANO:Enter▼
```

**4. Use the [-] [+] buttons to select "Delete Song."**

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

```
Delete Song
◄► Internal Memory
   1:Trio Grande

DISPLAY:Prev PIANO:Next
```
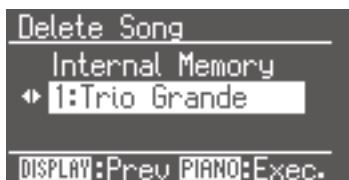
## Selecting the Song to Delete

1. **Use the [-] [+] buttons to select "Internal Memory."**

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

   The cursor will move to the number of the song to be deleted.

   ```
   Delete Song
     Internal Memory
   ◄► 1:Trio Grande

   DISPLAY:Prev PIANO:Exec.
   ```

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

## Deleting the Song

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

   A confirmation message will appear.

   ```
   ┌─────────────────────┐
   │ OK to delete file?  │
   │       TEMPO         │
   │   ─           +     │
   │ Cancel        OK    │
   └─────────────────────┘
   ```

   If you decide not to delete the song, press the TEMPO [-] button.

2. **Press the TEMPO [+] button.**

   The selected song will be deleted.

   * **Never turn off the power while the screen indicates "Executing…"**
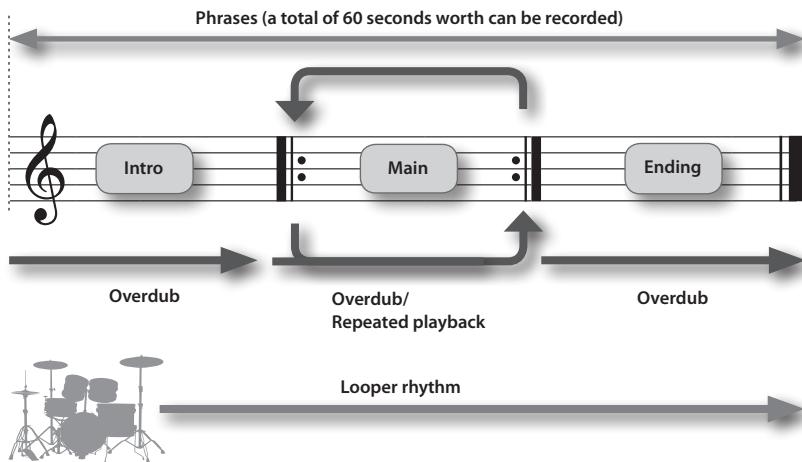
# Recording a Layered Performance (Looper)

## What is the Looper?

The FP-7F offers a feature that lets you record what you play on the keyboard and overdub other sound onto it (such as vocals sung into a microphone). The resulting recordings can be played back repeatedly. This is called the "Looper" function.

For example, you could start by recording an accompaniment that uses a strings sound. Next, you could record the melody using a piano sound, adding it to the music you previously recorded. And, just like that, you've created a performance that sounds like an ensemble.

## Looper Workflow



An intro is played automatically upon start of a recording; when recording is stopped, an ending is played automatically.

The recordable time is approximately 60 seconds for all phrases (intro, main, ending).

### What are Phrases?

Keyboard performances and vocals from a microphone that have been recorded using the Looper function are known as "Phrases."

Each phrase consists of the following three elements.

- Intro
- Main
- Ending

### What is a Looper Rhythm?

Each of the Looper rhythms includes an appropriate chord progression, a tempo, and measure number data.

When you record a phrase using the Looper, performance will be based on the selected Looper rhythm data.

By adding harmony to the sound from the microphone, you can sing with harmony that's appropriate for the Looper rhythm's chord progression.

Each looper rhythm consists of the following two elements.

- Drums
- Bass

**MEMO**
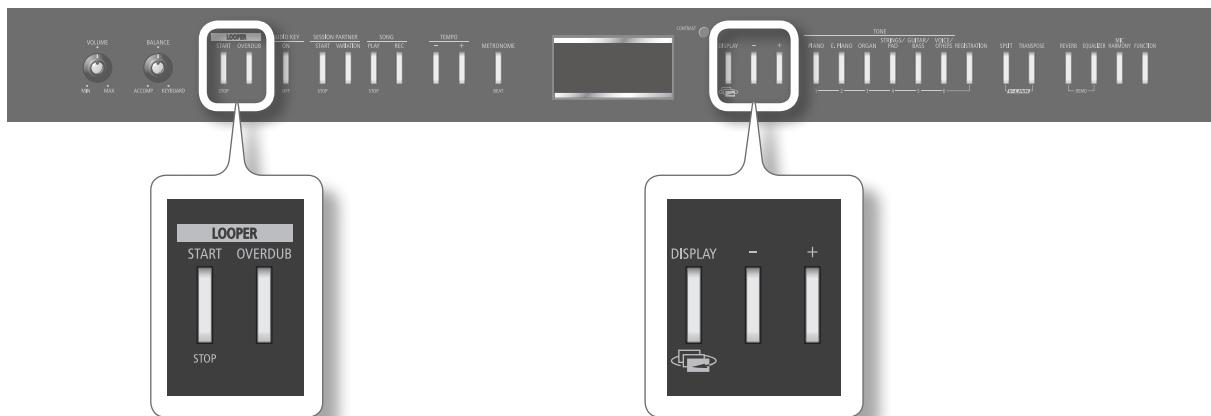
If you save the recorded phrase on USB memory, you'll also be able to use it with the Audio Key function (p. 31).

\* **You can't do the following while using the Looper.**
- **Play back or record a song**
- **Session Partner**
- **Audio Key**
- **Transpose**
- **Change the time signature**
- **Change the tempo**

# Recording a Phrase

Here's how to record a phrase.



## If Using a Microphone

1. **Connect your microphone (p. 76).**

2. **Adjust the microphone volume (p. 76).**

3. **If desired, turn on the microphone harmony (p. 76).**

   **MEMO**

   Since the Looper records the sound by overdubbing, noise from the microphone might be more obtrusive.
   If such noise is a problem, you can assign a pedal to switch the microphone input on/off (p. 72), and turn on the microphone input only when you need to record the sound from the microphone.

## Select a Looper Rhythm

1. **Press the [DISPLAY] button a number of times to access the LOOPER screen.**

   

2. **Use the [-] [+] buttons to select the desired looper rhythm.**

   For more about the available looper rhythms, refer to "Looper Rhythm List" (p. 98).

   * **Since changing the Looper rhythm's tempo will change the length of the phrase, it might not fit within the available Looper recording time.**

   **MEMO**

   You can choose which looper rhythm parts will sound (p. 67).

---

### If the following screen appears

A confirmation message may appear if you attempt to select a different Looper rhythm or use a function other than the Looper before you've saved the recorded phrase.
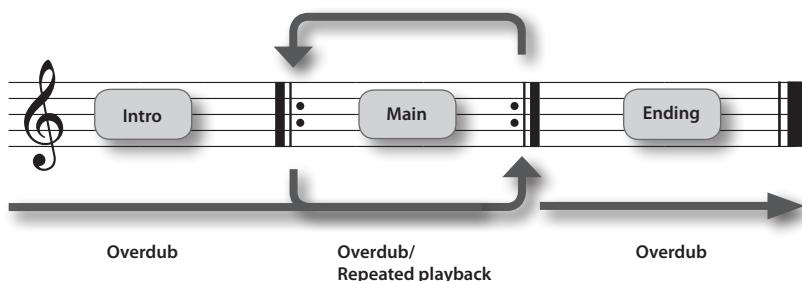


| | |
|---|---|
| If it's OK to erase the recorded phrase | Press the TEMPO [+] button. |
| If you want to save the recorded phrase | Press the TEMPO [-] button to store the recorded phrase into USB memory (p. 67). |

---

# Start Overdubbing



Intro | Main | Ending

Overdub | Overdub/Repeated playback | Overdub
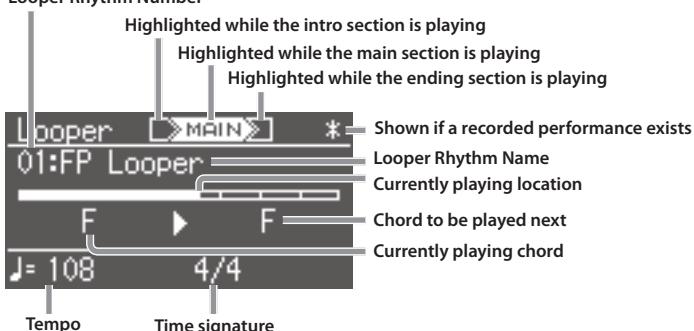
**1.** **Press the LOOPER [START/STOP] button.**

The LOOPER [START/STOP] button will light, and the intro will start overdubbing.

The looper rhythm will also begin sounding at the same time.

Looper Rhythm Number
Highlighted while the intro section is playing
Highlighted while the main section is playing
Highlighted while the ending section is playing



Shown if a recorded performance exists
Looper Rhythm Name
Currently playing location
Chord to be played next
Currently playing chord

Tempo | Time signature

When the intro has finished being overdubbed, overdubbing of the main section will start.

The main section will continue being overdubbed for the number of measures of the Looper rhythm.

**2.** **Press the LOOPER [OVERDUB] button.**

The LOOPER [OVERDUB] button will light, and repeated playback will begin.

Pressing the LOOPER [OVERDUB] button toggles you between overdubbing and repeated playback.

**3.** **Press the LOOPER [START/STOP] button.**

The ending will be overdubbed, and then overdubbing will stop.

If you want to stop immediately, press the LOOPER [START/STOP] button.
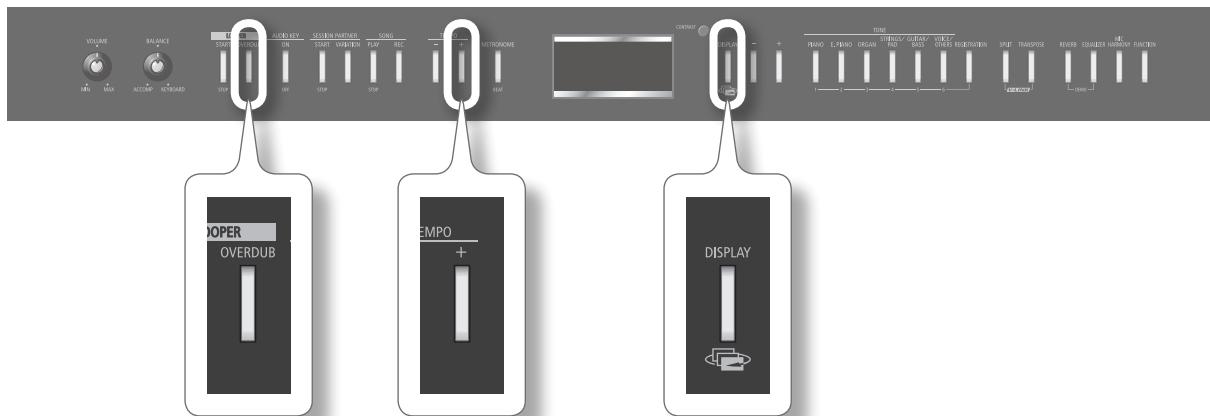
* **If you stop during overdubbing, part of the phrase might not be preserved.**

**MEMO**

- If you're not satisfied with the phrase you recorded, and would like to re-record it, erase the phrase as described in "Erasing a Phrase" (p. 63).

- If you assign the pedal function to "Looper Start/Stop" or "Looper Overdub," you'll be able to operate the Looper using the pedal (p. 73).

- You can save the recorded phrase in USB memory (p. 80) and use it with the Audio Key function (p. 31).

# Erasing a Phrase

Here's how to erase the recorded phrase.



1.  **Hold down the [DISPLAY] button and press the LOOPER [OVERDUB] button.**

    A confirmation message will appear.

    

    If you decide not to erase the phrase, press the TEMPO [-] button.

2.  **Press the TEMPO [+] button.**
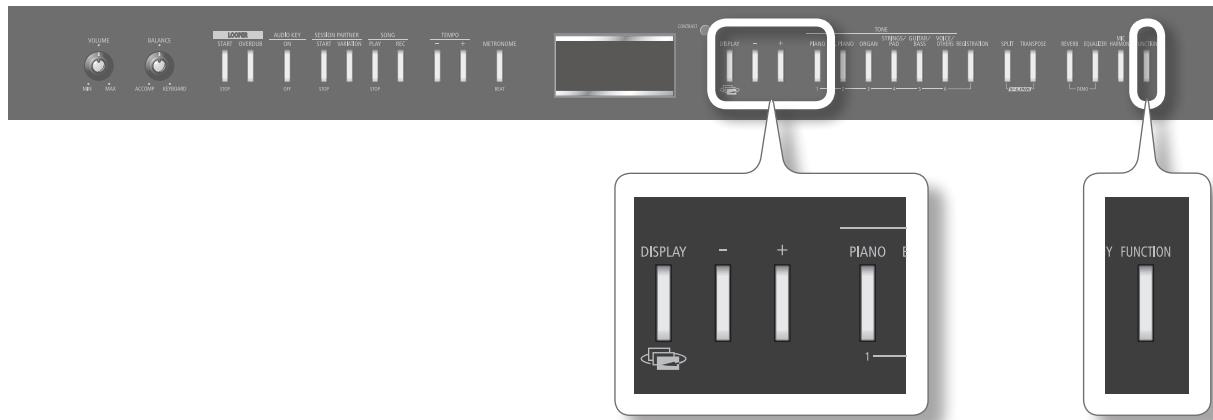
    The phrase will be erased.

    * **Once a phrase has been erased, it cannot be recovered. If you want to keep the phrase, save it on USB memory (p. 80).**

# Detailed Settings for Various Functions

## Basic Operation in Function Mode

In Function mode you can make detailed settings for various performance and recording functions.

### Entering Function mode

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

   The [FUNCTION] button will light, and you'll enter Function mode.

   ```
   Functions
   Piano Designer
   Key Touch
   Tuning
   DISPLAY:Exit  PIANO:Enter
   ```

2. **Use the [+] [-] buttons to select the item that you want to edit, and press the [PIANO] button.**

   Repeat this step to select the setting that you want to edit.

   Pressing the [DISPLAY] button will take you back to the previous screen.

### Editing the Setting

1. **Use the [-] [+] buttons to change the value of the setting.**

   By pressing the [-] [+] buttons simultaneously, you can revert to the factory-set value.

   ```
   Key Touch

   Light

   DISPLAY:Exit
   ```

   Pressing the [DISPLAY] button will take you back to the previous screen.

   If you want to continue editing other settings, return to step 2 of "Entering Function mode" and select the setting that you want to edit.

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

   The [FUNCTION] button's indicator will go out, and you'll exit Function mode.

   **MEMO**
   - Settings you modify will return to their original value when you turn off the power.
   - For some settings, you can specify that they be stored in memory even while the power is turned off. For details on the settings that can be stored, refer to "Stored Items" (p. 91).

# Settings you can change

| Item | Setting | Page |
|---|---|---|
| Piano Designer | Lid | p. 35 |
| | Damper Resonance | |
| | Hammer Noise | |
| | Hammer Response | |
| | Duplex Scale | |
| | String Resonance | |
| | Key Off Resonance | |
| | Cabinet Resonance | |
| | Damper Noise | |
| | Stretch Tuning | |
| Key Touch | Key Touch | p. 66 |
| | Key Touch Offset | p. 66 |
| Tuning | Master Tuning | p. 66 |
| | Temperament | p. 66 |
| | Temperament Key | p. 66 |
| Looper | Part Select | p. 67 |
| | Save Looper Phrase | p. 67 |
| Session Partner | Part Select | p. 67 |
| | Intro/Ending Sw | p. 67 |
| | Chord Prog. Pattern | p. 67 |
| | Chord Prog. Root | p. 67 |
| | Chord Prog. Fix | p. 68 |
| | Auto Chord Prog. Sw | p. 68 |
| File Menu | Save Song | p. 56, p. 80 |
| | Copy Song | p. 81 |
| | Delete Song | p. 58, p. 80 |
| | Format Media | p. 78 |
| Registration | Save Regist. Set | p. 68 |
| | Load Regist. Set | p. 69 |
| | Delete Regist. Set | p. 69 |
| | Copy Regist. Set | p. 70 |
| | Pedal Shift | p. 70 |
| Mic | Mic Sw | p. 71 |
| | Mic Reverb | p. 71 |
| | Harmony Type | p. 71 |
| | Harmony Level | p. 71 |
| Edit Tone Wheel | | p. 37 |
| Equalizer | | p. 71 |
| Dual Balance | | p. 72 |
| Master Gain | | p. 72 |
| Transpose Mode | | p. 72 |
| Octave Shift | | p. 72 |
| Pedal | Damper Pedal Part | p. 72 |
| | FC1 Pedal Func | p. 73 |
| | FC2 Pedal Func | |

| Item | Setting | Page |
|---|---|---|
| Composer | Right Track Mute | p. 73 |
| | Left Track Mute | p. 73 |
| | Accomp Track Mute | p. 73 |
| | Center Cancel | p. 74 |
| | Mute Volume | p. 74 |
| | Lyrics | p. 74 |
| | Song Language | p. 74 |
| | CD/Audio Type | p. 74 |
| MIDI | Local Control | p. 84 |
| | MIDI Transmit Ch. | p. 84 |
| | Composer MIDI Out | p. 84 |
| | V-LINK Transmit Ch. | p. 86 |
| | Regist. Tx PC Ch. | p. 85 |
| | Regist. PC | |
| | Regist. Bank MSB | |
| | Regist. Bank LSB | |
| USB Driver | | p. 85 |
| Ext. Memory Mode | | p. 78 |
| Memory Backup | | p. 75 |
| Factory Reset | | p. 75 |

# Keyboard Settings (Key Touch)

## Adjusting the Keyboard Sensitivity (Key Touch)

You can change the touch sensitivity, or response of the keys.

You can adjust the keyboard touch as appropriate for the playing strength of the person who is performing.

| Setting | Explanation |
|---|---|
| Fixed | The sound plays at one set volume, regardless of the force used to play the keys. |
| Super Light | This setting produces the lightest keyboard touch. |
| Light | You can achieve fortissimo (ff) play with a less forceful touch than usual, so the keyboard feels lighter. This setting makes it easy to play, even for children. |
| Medium | This sets the standard keyboard touch. You can play with the most natural touch. This is the closest to the touch of an acoustic piano. |
| Heavy | You have to finger the keyboard more forcefully than usual in order to play fortissimo (ff), so the keyboard touch feels heavier. Dynamic fingering adds even more feeling to what you play. |
| Super Heavy | This setting produces the heaviest keyboard touch. |

## Making Fine Adjustments to the Keyboard Touch Sensitivity (Key Touch Offset)

This lets you make further detailed adjustments to the keyboard sensitivity as appropriate for the strength of your fingers.

| Setting | Explanation |
|---|---|
| -10–0–9 | Higher settings will produce a heavier playing feel. |

# Tuning Settings (Tuning)

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

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

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

| Setting | |
|---|---|
| 415.3 Hz–440.0 Hz–466.2 Hz | |

**MEMO**

When the instrument is shipped from the factory, this is set to "440.0 Hz."

## Adjusting the Tuning (Temperament)

You can play classical music such as baroque pieces using their original tuning.

Most modern songs are composed and played with the assumption that equal temperament (the most common tuning in use today) will be used, but when classical music was composed, there were a wide variety of other tuning systems in existence.

Playing a composition with its original tuning lets you enjoy the sonorities of the chords that the composer originally intended.

| Setting | Explanation |
|---|---|
| Equal | In this tuning, each octave is divided into twelve equal steps. Every interval produces about the same amount of slight dissonance. |
| Just Major | This tuning eliminates ambiguities in the fifths and thirds. It is unsuited to playing melodies and cannot be transposed, but is capable of beautiful sonorities. |
| Just Minor | The Just tunings differ from major and minor keys. You can get the same effect with the minor scale as with the major scale. |
| Arabic | This tuning is suitable for the music of Arabia. |
| Kirnberger | This is an improvement of the Meantone and Just tunings that provides a high degree of freedom of modulation. Performances are possible in all keys (III). |
| Meantone | This scale makes some compromises in just intonation, enabling transposition to other keys. |
| Pythagorean | This tuning, devised by the philosopher Pythagoras, eliminates dissonance in fourths and fifths. Dissonance is produced by third-interval chords, but melodies are euphonious. |
| Werckmeister | This temperament combines the Meantone and Pythagorean tunings. Performances are possible in all keys (first technique, III). |

## Specifying the Keynote (Temperament Key)

When playing with tuning other than equal temperament, you need to specify the temperament key for tuning the song to be performed (that is, the note that corresponds to C for a major key or to A for a minor key).

If you choose an equal temperament, there's no need to select a temperament key.

| Setting | |
|---|---|
| C–B | |

# Looper Settings (Looper)

## Select the Parts that Will Play (Part Select)

Here you can select the looper rhythm parts that will be played by the Looper.

| Setting | Explanation |
|---|---|
| Drums & Bass | Drums, Bass |
| Drums | Drums only |

## Saving Phrases (Save Looper Phrase)

Here's how to save recorded phrases to USB memory as an audio file set.

A saved audio file set can be used with Audio Key (p. 31).

* **You can't save phrases while the Looper is in use.**

1. **Enter Function mode, and choose "Save Looper Phrase" (p. 64).**

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

   The Looper phrases will be saved to USB memory.

* **Never turn off the power while "Executing..." appears in the screen.**

* **Saving the data can take several minutes.**

   **MEMO**

   By making use of Audio Key Utility (p. 31), you can change the name of a stored audio file set or save it on your personal computer.

# Session Partner Settings (Session Partner)

## Select the Parts that Will Play (Part Select)

Here you can select the rhythm parts that will be played by Session Partner.

| Setting | Explanation |
|---|---|
| Drums, Bass & Accomp | Drums, Bass, Accomp (accompaniment other than drums and bass) |
| Drums & Bass | Drums, Bass |
| Drums | Drums only |

## Turning the Intro and Ending On/Off (Intro/Ending Sw)

This is an on/off setting for the intro and ending played by Session Partner.

If this setting is "Off," no intro or ending will play when you press the SESSION PARTNER [START/STOP] button.

| Setting | Explanation |
|---|---|
| On | An intro and ending will play. |
| Off | No intro or ending will play. |

## Selecting the Chord Progression for the Rhythm (Chord Prog. Pattern)

Here you can select the chord progression pattern for the currently selected rhythm.

| Setting | Explanation |
|---|---|
| User Chord | A chord progression pattern that you yourself recorded. "User Chord" will appear only if there is a chord progression pattern that you've created (p. 47). |
| 1–61 | The chord progressions for each of these patterns are listed on "Chord Progression Pattern List" (p. 96). |

## Specifying the Root Note for the Chord Progression (Chord Prog. Root)

Here you can specify the root note of the first chord in the currently selected chord progression pattern.

| Setting | |
|---|---|
| Setting | C, C♭, D, E♭, E, F, F♯, G, A♭, A, B♭, B |

## Fixing the Chord Progression Pattern (Chord Prog. Fix)

For each rhythm, Session Partner has information about the chord progression pattern suitable for that rhythm.

Here you can specify whether Session Partner will automatically switch to a chord progression suitable for the rhythm when you switch the rhythm.

| Setting | Explanation |
| --- | --- |
| On | The chord progression pattern will not change when you switch the rhythm. |
| Off | When you switch the rhythm, the chord progression will change to one that is suitable for the selected rhythm. |

## Turning the Rhythm's Chord Progression On/Off (Auto Chord Prog. Sw)

Here you can specify whether the rhythm will follow the chord progression pattern or the chords you specify from the keyboard.

| Setting | Explanation |
| --- | --- |
| On | The rhythm performance will follow the specified chord progression pattern. |
| Off | Split mode (p. 30) will automatically be selected, allowing you to specify chords in the left-hand zone of the keyboard.<br><br>* The left-hand zone of the keyboard will not play the left-hand tone. If you press Split once again, full-keyboard chord detection mode will be selected. |

**MEMO**

- You can also change the Auto Chord Prog. Sw setting by holding down the SESSION PARTNER [START/STOP] button and using the SESSION PARTNER [VARIATION] button.

- If the Auto Chord Prog. Sw is "Off," the SESSION PARTNER [START/STOP] button starts blinking; Session Partner is standing by for playback. When you enter a chord from the keyboard, the rhythm will start playing. To stop playback, press the SESSION PARTNER [START/STOP] button once again.

- When entering chords from the keyboard, you don't have to continue holding down the chord. The accompaniment will keep using the same chord until you specify the next chord.

- Instead of pressing all notes in the chord, you can use a simplified fingering to specify the chords. Refer to "Chord Fingering List" (p. 100) for more about how to specify chords.

- You can play the left-hand tone while specifying the chords with your left hand. Press the [SPLIT] button to turn it off, and then press the [SPLIT] button once again so it's lit. When you play in the left-hand zone of the keyboard, you'll hear the left-hand tone.

# Registration Settings (Registration)

## Saving a Registration Set (Save Regist. Set)

Here's how the 30 registrations stored at the [REGISTRATION] button can be saved as a single set to the FP-7F's internal memory or to USB memory.

If you're saving to USB memory, connect your USB memory to the external memory connector.

1. **Enter Function mode and choose "Registration" (p. 64).**

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

3. **Use the [-] [+] buttons to choose "Save Regist. Set."**

4. **Press the [PIANO] button.**

```
Save Regist. Set
 1 ◄ 2 ► 3 ♪ 4 INS 5 DEL
   REGIST.SET
 DISPLAY:Exit VOICE:Next
```

5. **Rename the registration set (p. 57).**

6. **Use the [-] [+] buttons to specify the save destination media.**

| Indication | Explanation |
| --- | --- |
| Internal Memory | Internal memory |
| External Memory | USB memory |

7. **Press the [PIANO] button.**

```
Save Regist. Set
   Internal Memory
 ◄► 001:(Not Used)

 DISPLAY:Prev PIANO:Exec.
```

8. **Use the [-] [+] buttons to specify the save-destination number.**

If a registration set name is shown for a number, a registration set has already been saved in that number.

If you choose a number at which a registration set has already been saved, the existing registration set will be overwritten and lost. If you don't want to lose the saved registration set, choose a number for which "(Not Used)" is shown in the save-destination field.

9. **Press the [PIANO] button.**

The registration set will be saved.

* **Never turn off the power while the display indicates "Executing..."**

**MEMO**

- If desired, you can reset the contents saved at the [REGISTRATION] button to their factory-set condition. Refer to "Restoring the Factory-set Condition (Factory Reset)" (p. 75).

- For details on how to select a saved registration set, refer to "Loading a Registration Set You Saved (Load Regist. Set)" (p. 69).

## Loading a Registration Set You Saved (Load Regist. Set)

Here's how an entire set of registrations you saved in internal memory or USB memory can be loaded back to the [REGISTRATION] button.

If you want to load a registration set that was saved on USB memory, connect your USB memory to the external memory connector.

* Note that when you load a registration set, all of the settings that were stored at the [REGISTRATION] button will be overwritten and lost.

1. Enter Function mode and choose "Registration" (p. 64).
2. Press the [PIANO] button.
3. Use the [-] [+] buttons to choose "Load Regist. Set."
4. Press the [PIANO] button.

```
Load Regist. Set
◆▶ Internal Memory
     001:REGIST.SET


DISPLAY:Exit  PIANO:Next
```

5. Use the [-] [+] buttons to specify the save destination media.

| Indication | Explanation |
|---|---|
| Internal Memory | Internal memory |
| External Memory | USB memory |

6. Press the [PIANO] button.

```
Load Regist. Set
     Internal Memory
◆▶ 001:REGIST.SET

DISPLAY:Prev PIANO:Exec.
```

7. Use the [-] [+] buttons to select a registration set that you want to load.
8. Press the [PIANO] button.

The registration set will be loaded.

* Never turn off the power while the display indicates "Executing..."

## Deleting a Registration Set You Saved (Delete Regist. Set)

Here's how to delete a registration set that's been saved in internal memory or USB memory.

1. Enter Function mode and choose "Registration" (p. 64).
2. Press the [PIANO] button.
3. Use the [-] [+] buttons to choose "Delete Regist. Set."

* You won't be able to execute the following steps if there is no registration set saved in internal memory, or if no USB memory is connected.

4. Press the [PIANO] button.

```
Delete Regist. Set
◆▶ Internal Memory
     001:REGIST.SET


DISPLAY:Exit  PIANO:Next
```

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

| Indication | Explanation |
|---|---|
| Internal Memory | Internal memory |
| External Memory | USB memory |

6. Press the [PIANO] button.

```
Delete Regist. Set
     Internal Memory
◆▶ 001:REGIST.SET

DISPLAY:Prev PIANO:Exec.
```

7. Use the [-] [+] buttons to select a registration set that you want to delete.
8. Press the [PIANO] button.

The registration set you selected will be deleted.

* Never turn off the power while the display indicates "Executing..."

**Detailed Settings for Various Functions**

## Copying a Registration Set (Copy Regist. Set)

Registration sets you saved in internal memory can be copied to USB memory.

Conversely, registration sets you saved on USB memory can also be copied to internal memory.

1. **Enter Function mode and choose "Registration" (p. 64).**

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

3. **Use the [-] [+] buttons to choose "Copy Regist. Set"**

   * **You won't be able to execute the following steps if there is no registration set saved in internal memory, or if no USB memory is connected.**

4. **Press the [PIANO] button.**

```
Copy from ...
◆ Internal Memory
  001:REGIST.SET

DISPLAY:Exit  PIANO:Next
```

5. **Use the [-] [+] buttons to select the copy-source media.**

   | Indication | Explanation |
   | --- | --- |
   | **Internal Memory** | Internal memory |
   | **External Memory** | USB memory |

6. **Press the [PIANO] button.**

```
Copy from ...
  Internal Memory
◆ 001:REGIST.SET

DISPLAY:Prev PIANO:Next
```

7. **Use the [-] [+] buttons to select a registration set that you want to copy.**

   If you select "All," all registration sets will be copied.

8. **Press the [PIANO] button.**

```
Copy to ...
  External Memory
◆ 001:(Not Used)

DISPLAY:Prev PIANO:Exec.
```

9. **Use the [-] [+] buttons to select the copy-destination number.**

   If you select a number in which a registration set has already been saved, then execute the copy, the previously saved registration set will be deleted. If you don't want to delete the saved registration set, select a number for which "Not Used" is shown, then carry out the copy.

   You won't be able to execute the copy if the save-destination memory is full. Delete unneeded data before you execute the copy.

10. **Press the [PIANO] button.**

    The registration set will be copied.

    * **Never turn off the power while the display indicates "Executing..."**

## Using a Pedal to Switch Registrations (Pedal Shift)

You can assign a pedal to successively switch registrations. Each time you press the pedal, you will switch to the next registration.

| Setting | Explanation |
| --- | --- |
| **Off** | Pressing a pedal connected to the SOSTENUTO/C (FC2) jack or SOFT/L (FC1) jack will not switch registrations. The functions assigned to the SOSTENUTO/C (FC2) jack and SOFT/L (FC1) jack will be available for use (p. 73). |
| **FC 1** | The pedal connected to the SOFT/L (FC1) jack can be used only for switching registrations. In this case, the function assigned to the SOFT/L (FC1) jack cannot be used. |
| **FC 2** | The pedal connected to the SOSTENUTO/C (FC2) jack can be used only for switching registrations. In this case, the function assigned to the SOSTENUTO/C (FC2) jack cannot be used. |

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# Microphone Settings (Mic)

## Turning the Microphone Input On/Off (Mic Sw)

You can use this setting to temporarily turn the microphone input off.

| Setting | Explanation |
|---|---|
| On | Turns the microphone input on. |
| Off | Turns the microphone input off. |

* **This will automatically turn "On" when you connect a microphone, and will automatically turn "Off" when you disconnect the microphone.**

* **You can't turn this "On" if a microphone is not connected.**

**MEMO**

You can assign the microphone Input On/Off function to a pedal (p. 73).

## Adding Reverberation to Your Voice (Mic Reverb)

Here you can add reverberation to your voice from the microphone.

Reverberation can improve the sound of your vocals.

| Setting | Explanation |
|---|---|
| Off, 1–10 | Higher values produce deeper reverb. |

* **Mic reverb will not be applied if the reverb effect is off (p. 25).**

**MEMO**

The amount of microphone reverb will depend on the depth of the reverb effect.

## Changing How Harmony is Applied (Harmony Type)

Here you can change the way in which harmony is applied.

| Setting | Explanation |
|---|---|
| Duet | One voice of harmony will be added to your voice. |
| Trio | Two voices of harmony will be added to your voice. |
| Quartet | Three voices of harmony will be added to your voice. |

## Adjusting the Volume of the Harmony (Harmony Level)

This setting adjusts the volume of the harmony.

| Setting | Explanation |
|---|---|
| 0–10 | Increasing the value will make the harmony sound louder. |

# Editing the Equalizer Settings (Equalizer)

You can use the equalizer to modify the tonal character of the sound by boosting or reducing just the low-frequency or high-frequency range of the sound.
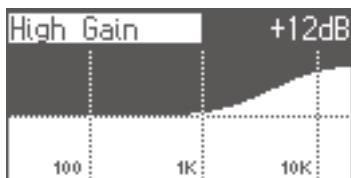
1. **Enter Function mode, and choose "EQUALIZER" (p. 64).**

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



3. **Use the [-] [+] buttons to select the equalizer number that you want to edit.**

4. **Press the [PIANO] button.**



5. **Use the [-] [+] buttons to select the equalizer item that you want to edit.**

6. **Press the [PIANO] button.**

If you press the [DISPLAY] button, the cursor will return to the item.

7. **Use the [-] [+] buttons to edit the setting.**

| Indication | Setting | Explanation |
|---|---|---|
| High Gain | -12–+12 dB | Adjusts the level of the high-frequency range. |
| High Freq | 1.25 k–16 k (Hz) | Frequency point in the high-frequency range. Generally, this changes the level at and over this frequency. |
| High Mid Gain | -12–+12 dB | Adjusts the level of the mid- to high-frequency range. |
| High Mid Freq | 16–16 k (Hz) | Frequency point in the mid- to high-frequency range. This changes the level of the specified bandwidth centered on this frequency. |
| High Mid Q | 0.5, 1.0, 2.0, 4.0, 8.0 | Changes the bandwidth of the mid- to high-frequency range. The bandwidth affected by the controls narrows as the value increases. |
| Low Mid Gain | -12–+12 dB | Adjusts the level of the low-frequency range to midrange. |
| Low Mid Freq | 16–16 k (Hz) | Frequency point in the low-frequency range to midrange. This changes the level of the specified bandwidth centered on this frequency. |
| Low Mid Q | 0.5, 1.0, 2.0, 4.0, 8.0 | Changes the bandwidth of the low-frequency range to midrange. The bandwidth affected by the controls narrows as the value increases. |
| Low Gain | -12–+12 dB | Adjusts the level of the low-frequency range. |
| Low Freq | 100–1 k (Hz) | Frequency point in the low-frequency range. Generally, this changes the level at and below this frequency. |

* **Sounds may become distorted as the Gain level increases.**

# Adjusting the Dual Play Volume Balance (Dual Balance)

You can adjust the volume balance between the two tones (tone 1 and tone 2) used for Dual Play (p. 26).

| Setting | 9-1 (tone 1 is louder)–9-9 (same volume)–1-9 (tone 2 is louder) |
|---|---|

# Adjusting the Volume (Master Gain)

If you are playing the FP-7F through a connected external system, there may be cases in which the volume from your external system is too low even when the FP-7F's volume is turned to the maximum setting.

In such cases, you can adjust the master gain setting as follows.

Adjusting the master gain will also affect the volume of the internal speakers and headphones.

| Setting | -12–0–12 dB |
|---|---|

* **The sound may distort if you increase the volume excessively.**

# Specifying What the Transpose will Affect (Transpose Mode)

This setting specifies what the transpose will affect.

You can use the transpose to change the pitch of both the song and the keyboard, the pitch of only the song, or the pitch of only the keyboard.

| Setting | Explanation |
|---|---|
| **Keyboard** | Keyboard notes, Transpose (p. 30) |
| **Song** | Song playback, Playback Transpose (p. 43) |
| **Keyboard & Song** | Keyboard notes and song playback |

# Changing the Pitch of the Tone in Octave Steps (Octave Shift)

You can change the pitch of the Tone 2 in Dual Play (p. 20) and Lower tone in Split Play (p. 30) an octave at a time. Altering the pitch in one-octave units in this way is called "Octave Shift."

For example, you can raise the pitch of the Lower Tone to the same pitch of the Upper Tone in Split Play.

| Setting | -2–0–+2 |
|---|---|

# Pedal Settings (Pedal)

## Changing How the Pedal Effects Are Applied (Damper Pedal Part)

When you press the damper pedal during Dual play or Split play, the pedal effect is normally applied to both tones, but you can also select the tone to which the effect is to be applied.

| Setting | Explanation |
|---|---|
| **Right & Left** | All enabled |
| **Right** | Applied only to the Tone 1 (in dual mode)/Right-hand Tone (in split mode) |
| **Left** | Applied only to the Tone 2 (in dual mode)/Left-hand Tone (in split mode) |

## Changing How the Pedals Work (FC1 Pedal Func/FC2 Pedal Func)

You can change the functions that are assigned to the pedals connected to the SOFT/L (FC1) jack and SOSTENUTO/C (FC2) jack.

| Setting | Explanation |
|---|---|
| Soft | Sets function to soft pedal.<br><br>* **This can only be set with respect to a pedal connected to the SOFT/L (FC1) jack.** |
| Sostenuto | Sets function to sostenuto pedal.<br><br>* **This can only be set with respect to a pedal connected to the SOSTENUTO/C (FC2) jack.** |
| Looper Start/Stop | The pedal will have the same function as the LOOPER [START/STOP] button. |
| Looper Overdub | The pedal will have the same function as the LOOPER [OVERDUB] button. |
| Mic Sw | Turns the microphone input on/off. |
| Harmony Sw | The pedal will turn the Harmony on/off. |
| Expression | Allows control of the volume. You will find it convenient to connect a separately sold expression pedal (EV-5). You cannot change volume of the Session Partner or recorded performance. |
| Play/Stop | The pedal will have the same function as the SONG [PLAY/STOP] button. |
| Session Partner Start/Stop | You can start/stop Session Partner by pressing the pedal instead of pressing SESSION PARTNER [START/STOP] button. |
| Leading Bass | Allows control the on/off of leading bass function. It is turned on while having stepped on the pedal. |
| Bend Up | Pitch rises by pressing the pedal. |
| Bend Down | Pitch lowers by pressing the pedal. |
| Modulation | Vibrato is added by pressing the pedal. |

* **If a pedal connected to the FP-7F is set so it switches registrations, that pedal will be dedicated to the switching of registrations. The pedal function you've assigned here will be ignored (p. 70).**

### What is the leading bass function?

The function that sounds the lowest note of a fingered chord as the bass tone is called "Leading Bass."

# Performance Settings (Composer)

## Playing Back with the Right-hand Part Muted (Right Track Mute)

This lets you carry out playback while muting the right-hand part of the internal song or the SMF music files.

This is a convenient way to practice along with a song one hand at a time.

| Setting | Explanation |
|---|---|
| Mute | No sound will be heard.<br><br>* **You can change the Mute Volume (p. 74) so that the part will play at a low volume, allowing you to use it as a guide for your own playing.** |
| On | The sound will be heard. |
| - - - - | No data exists. |

* **The setting will be "On" when you switch to a different song.**

### What is a Mute?

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

## Playing Back with the Left-hand Part Mute (Left Track Mute)

This lets you carry out playback while muting the left-hand part of the internal song or the SMF music files.

This is a convenient way to practice along with a song one hand at a time.

| Setting | Explanation |
|---|---|
| Mute | No sound will be heard.<br><br>* **You can change the Mute Volume (p. 74) so that the part will play back at a low volume, allowing you to use it as a guide for your own playing.** |
| On | The sound will be heard. |
| - - - - | No data exists. |

* **The setting will be "On" when you switch to a different song.**

## Playing Back with the Accompaniment Part Muted (Accomp Track Mute)

This lets you play back while muting the accompaniment part of the internal song or the SMF music files.

| Setting | Explanation |
|---|---|
| Mute | No sound will be heard.<br><br>* **You can change the Mute Volume (p. 74) so that the part will play back at a low volume, allowing you to use it as a guide for your own playing.** |
| On | The sound will be heard. |
| - - - - | No data exists. |

* **The setting will be "On" when you switch to a different song.**

## Decreasing the Playback Volume of Sounds in the Center (Center Cancel)

You can decrease the volume of sounds (vocals, some melodic instruments, etc.) heard at the center of the stereo sound field when playing an audio file or a music CD song.

| Setting | Explanation |
|---------|-------------|
| On | The volume of the melody or vocal will decrease. |
| Off | Center Cancel will not be used. |

* **The Center Cancel setting will be cancelled when you select a different song.**

* **For some songs, this function might not completely eliminate the sounds heard from the middle. Also, the tone quality may be affected by this function.**

* **Turning on the Center Cancel will turn off the Harmony.**

## Using a Specific Part's Sound as a Guide (Mute Volume)

This setting lets you specify that when the Right Track Mute (p. 73), Left Track Mute (p. 73), or Accomp Track Mute (p. 73) setting is set to "Mute," the muted part is played at a lower volume, rather than being completely silenced. This allows you to play a specific part at a lower volume, so you can use it as a guide while you play along.

| Setting | Explanation |
|---------|-------------|
| 0–10 | Higher values make the sound louder |

## Switching the Display of Lyrics On/Off (Lyrics)

Here you can specify whether lyrics will be shown in the display when you play back song data that contains lyrics.

| Setting | Explanation |
|---------|-------------|
| On | Lyrics will be displayed. |
| Off | Lyrics will not be displayed. |

The factory setting is "On."

## Changing the Display Language for Song Titles and Lyrics (Song Language)

You can choose the language in which song titles and lyrics are displayed.

| Setting | Explanation |
|---------|-------------|
| English | Lyrics are displayed in English. |
| Japanese | Lyrics and song titles are displayed in Japanese. |

* **If this is set to "English," the characters might not be shown correctly when you view Japanese lyrics or song titles. Similarly, if this is set to "Japanese," English lyrics and song titles might not be shown correctly.**

## Setting the Type of CD to be Played Back (CD/Audio Type)

The FP-7F may be unable to correctly recognize the type of CD being used. In such instances, you can specify the type of CD manually.

| Setting | Description |
|---------|-------------|
| Auto | The CD type is detected automatically |
| Type A | General CDs for Player Piano contain audio and MIDI data, and the data format may vary from one CD to the next. If the CD's data format does not match the FP-7F's settings, a "beep" will sound. Certain general Piano player CDs may not be playable on the FP-7F. |
| Type B | |
| Stereo | Commercial Audio CD (CDs other than those designed for use with the player piano) |

* **Note that some commercial player piano CDs cannot be played back on the FP-7F.**

# Remembering Your Settings (Memory Backup)

The settings you edit in Function mode will return to their default state when you turn off the power. However, if desired, you can have these settings be retained even while the power is turned off.

This is called the "Memory Backup" function.

1.  **Enter Function mode and choose "Memory Backup" (p. 64).**

    ```
    Memory Backup

    Stores settings in
    internal memory.

    DISPLAY:Exit PIANO:Exec.
    ```

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

    ```
    Are you sure?
        TEMPO
      ─        +
    Cancel      OK
    ```

    If you decide not to carry out the Memory Backup, press the TEMPO [-] button.

3.  **Press the TEMPO [+] button.**

    Memory Backup will be carried out.

    When Memory Backup is complete, the Function mode menu screen will appear.

    * **Never turn off the power while settings are being stored.**

    **MEMO**

    For details on the items that are stored, refer to "Items Stored by Memory Backup" (p. 91).

# Restoring the Factory-set Condition (Factory Reset)

The settings stored by Memory Backup as well as the registration settings can be restored to their factory-set condition. This function is called "Factory Reset."
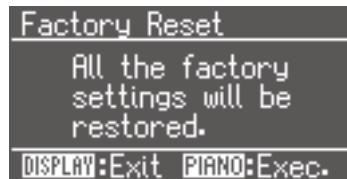
* **When you execute Factory Reset, all settings you've stored up to that point will revert to the factory-set condition.**

**MEMO**

Even if you execute this operation, songs and registration sets stored in internal memory will not be lost.

If you want to erase all songs and registration sets from internal memory, refer to "Formatting Memory (Format Media)" (p. 78).

1.  **Enter Function mode, and choose "Factory Reset" (p. 64).**

    ```
    Factory Reset
       All the factory
       settings will be
       restored.
    DISPLAY:Exit PIANO:Exec.
    ```

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

    ```
    Are you sure?
        TEMPO
      ─        +
    Cancel      OK
    ```
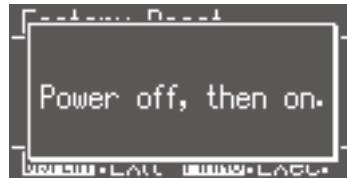
    If you decide not to execute Factory Reset, press the TEMPO [-] button.

3.  **Press the TEMPO [+] button.**

    Factory Reset will be executed.

    * **Never turn off the power while Factory Reset is being executed.**

    When Factory Reset is complete, the following screen will appear.

    ```
    Power off, then on.
    ```
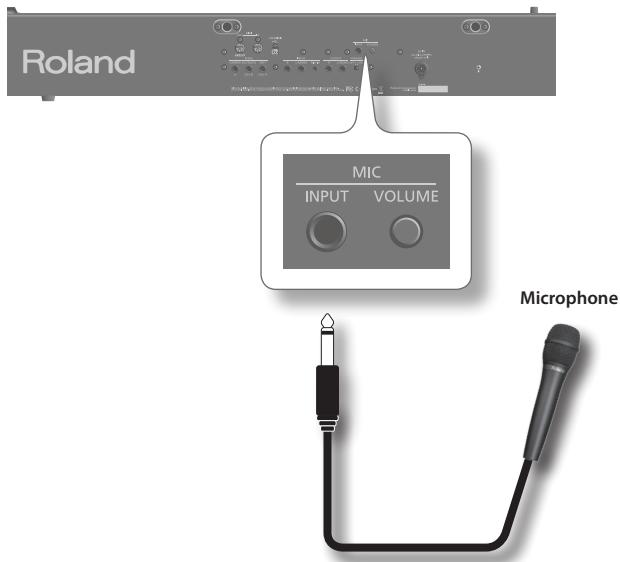
4.  **Turn the power off, then on again (p. 14).**

# Connections with Other Equipment

## Connecting a Microphone

By connecting a separately sold microphone, you can enjoy karaoke or perform as a singer/instrumentalist.

The sound from the microphone can also be recorded using the Looper function (p. 61).



**Microphone**

1. **Connect your microphone to the MIC INPUT jack.**

   The microphone input will turn on.

   A "mic" symbol could be shown in the lower left of the display when you connect a microphone.



2. **Turn the MIC [VOLUME] knob to adjust the microphone volume.**

   **MEMO**

   You can apply harmony (p. 76) or Mic Reverb (p. 71) to your voice from the microphone.

   * **Please be aware of the volume when using this during the night or early morning.**

   * **Lower the volume before connecting a microphone to the FP-7F.**

   * **If the volume is excessive, you may hear noise from the speakers.**

   * **Howling could be produced depending on the location of microphones relative to speakers. This can be remedied by:**
     **1. Changing the orientation of the microphone(s).**
     **2. Relocating microphone(s) at a greater distance from speakers.**
     **3. Lowering volume levels.**

## Adding Harmony to Your Voice

This lets you add harmony to your voice from the microphone.

Suitable harmony will be generated according to the chord data of the song or the chords you play on the keyboard.

In the following cases, chord data will be assigned automatically.

- Harmony will be generated according to the chord data detected from your keyboard performance.
- When you perform using Session Partner, the harmony will be generated according to the chord progression pattern of the selected rhythm.
- When recording a phrase with the Looper, the harmony will be generated according to the chord progression pattern of the selected Looper rhythm.
- If you're singing along while playing back a song that contains chord data, harmony will be added based on the chord data in the song.

1. **Press the [MIC HARMONY] button.**

   The [MIC HARMONY] button will light.

   If you press the [MIC HARMONY] button once again, the button will go out and the harmony effect will be cancelled.

   * **Some effects (p. 24) and Piano Designer will no longer be applied when you add harmony; this may cause the tone to sound differently.**

   * **The Audio Playback Transpose, Center Cancel, and Piano Designer features cannot be used at the same time that Harmony is used.**

   **MEMO**

   - You can alter the way in which harmonies are added (p. 71).
   - You can assign a pedal to turn the harmony on/off (p. 73).

## Adjusting the Volume of the Harmony

1. **Hold down the [MIC HARMONY] button and use the [-] [+] buttons.**

   The display will indicate the volume of the harmony.

# Connecting External Media

By connecting separately sold external media (CD drive, USB memory) you'll be able to do the following things.

| Device | What you can do |
|---|---|
| CD drive | • Play back music CDs<br>• Play back SMF music file<br>• Play back songs on VIMA CD-ROMs (VIMA TUNES) (sold by Roland) |
| USB memory | • Play back SMF music file<br>• Save performance data<br>• Play back audio files<br>• Save/load registration sets<br>• Save the phrase recorded by the Looper<br>• Load an Audio Key audio file set |

* **Before using a new USB memory, you must format (initialize) it on the FP-7F. For details, refer to "Formatting Memory (Format Media)" (p. 78).**

* **CDs that contain both music tracks and data will not play correctly.**

---

## SMF Music Files

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

## VIMA TUNES ![VIMA TUNES logo]
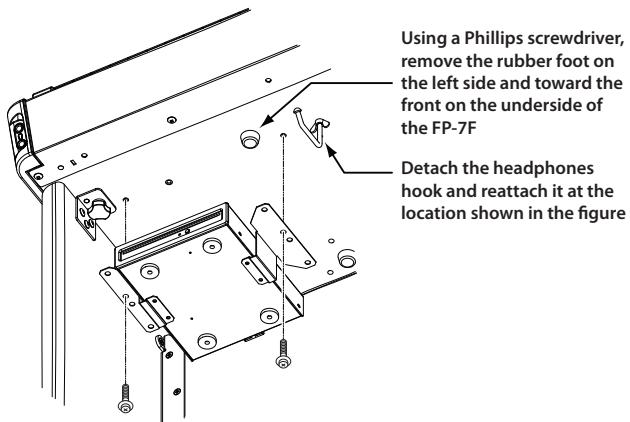
VIMA TUNES is a Roland specification for music files that contains image and lyric data, allowing you to enjoy songs with lyrics and images simultaneously. When data bearing the "VIMA TUNES" logo is played back on a device that bears the same logo, lyrics can be shown on the screen of a connected external display or television, letting you enjoy karaoke or watch a slide show.

* **This instrument (FP-7F) is not able to play back VIMA TUNES images.**

---

# Connecting a CD Drive

Connect your CD drive to the external memory connector.

If you're using a stand, attach the CD drive using the holes located on the bottom panel of the FP-7F, as shown in the illustration below.



**Using a Phillips screwdriver, remove the rubber foot on the left side and toward the front on the underside of the FP-7F**

**Detach the headphones hook and reattach it at the location shown in the figure**
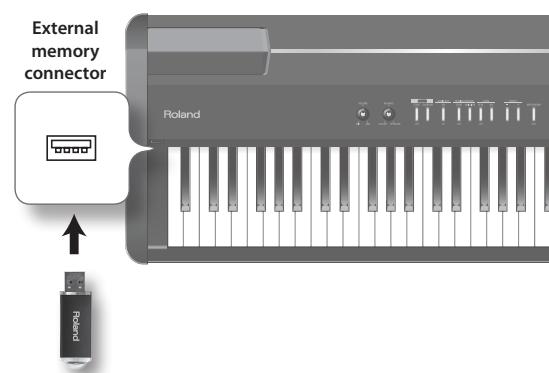
For details on installation and connections, refer to the owner's manual of your CD drive.

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

* **You cannot play back CD-R/RW disks to which audio tracks have been added or CDs containing both audio tracks and data (CD Extra).**

* **The FP-7F 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.**

* **For more detailed information on audio discs featuring copyright protection technology and other non-standard CDs, please consult the disc vendor.**

* **You cannot save songs and styles to CDs, and you cannot delete songs or styles recorded to CDs. Furthermore, you cannot format CDs.**

---

# Connecting USB Memory

Connect your USB memory to the external memory connector, as shown in the illustration below.



**External memory connector**

**USB memory**

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

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

## Formatting Memory (Format Media)

This operation will erase the entire contents of internal memory or USB memory.

* **Please be aware that everything stored in internal memory or USB memory will be erased when you format it.**

* **Before using a new USB memory with the FP-7F for the first time, you must format the USB memory.**

1. **Enter Function mode, and choose "File Menu" (p. 64).**

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

```
File Menu
 Copy Song
 Delete Song
 Format Media
DISPLAY:Exit PIANO:Enter
```

3. **Use the [-] [+] buttons to select "Format Media."**

4. **Press the [PIANO] button.**

```
Format Media
 ◂▸ Internal Memory


DISPLAY:Exit PIANO:Exec.
```

5. **Use the [-] [+] buttons to choose the memory that you want to format.**

| Indication | Setting |
|---|---|
| **Internal Memory** | Internal memory |
| **External Memory** | USB memory |

6. **Press the [PIANO] button.**

   A confirmation message will appear.

```
      OK to format?
         TEMPO
      ─        +
    Cancel      OK
```

If you decide not to proceed with the format, press the TEMPO [-] button.

7. **Press the TEMPO [+] button.**

   All contents of the selected memory will be erased.

* **Never turn off the power while the display indicates "Executing..."**

* **Even if you format the internal memory, settings not associated with internal memory will not be initialized. If you want to return the other settings (those that are not included in the contents of internal memory) to their factory-set state, execute the Factory Reset operation (p. 75).**

* **Do not disconnect the USB memory while USB memory is being formatted.**

## Switching the External Memory Setting (Ext. Memory Mode)

In some cases when USB memory is connected to the external memory connector, it may take an excessive length of time for data to be read, or data might not be read successfully. If this occurs, you may be able to solve the problem by switching the external memory mode setting.

1. **Enter Function mode and choose "Ext. Memory Mode" (p. 64).**

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

3. **Use the [-] [+] buttons to choose the mode.**

| Setting | Mode 1, Mode 2 |
|---|---|

4. **Turn the power off, then on again (p. 14).**

   **MEMO**

   This setting is remembered even while the power is turned off.

## Playing Back Songs From External Media

Here's how to play back songs from external media (CD/USB memory).

1. **Connect external media that contains songs.**

2. **Press the [DISPLAY] button a number of times to access the SONG screen.**

```
Song

   New Song

♩= 108      4/4  M:   1
```

3. **Select the song that you want to play.**

   Refer to "Selecting a song," below.

4. **Press the SONG [PLAY/STOP] button.**

   For details on operations during playback, refer to "Playing the song" (p. 41).

## Selecting a song

1. When the SONG screen displayed, press the [-] [+] buttons to choose a song.
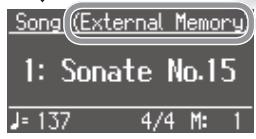
### Order in which Memories Are Selected

| 1. The song to be newly recorded |

```
Song
   New Song
♩= 108      4/4  M:  1
```

| Display | Description |
|---------|-------------|
| **External Memory** | USB memory |
| **CD** | CD-ROM |
| **Music CD** | Music CD |

↓ Select a memory

| 2. Songs from CD or USB memory |

Select a song →

```
Song (External Memory)
1: Sonate No.15
♩= 137      4/4  M:  1
```

* This cannot be selected if nothing is connected to the external memory connector.

```
Song (External Memory)
1: Air (00'12")
      Audio
100%           00'00"
```

Shown for audio files

↓ Select a memory

| 3. Songs from internal memory |

Select a song →

```
Song (Internal Memory)
1: Trio Grande
♩= 108      4/4  M:  1
```

* This cannot be selected if there are no songs.

↓ Select a memory

| 4. Internal songs |

Select a song →

```
Song (Preset Song)
3: Polonaise op.53
♩= 67       3/4  M:  1
```

## Selecting a song within a folder

1. Use the [-] [+] buttons to select a folder.

2. Press the SONG [PLAY/STOP] button.

3. Use the [-] [+] buttons to select a song.

   To exit the folder, select "Up" and press the SONG [PLAY/STOP] button.

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

```
Song (External Memory)
Folder01
   📁
♩= 108      4/4  M:  1
```

## Changing the Tempo of an Audio File or Music CD

You can change the tempo of an audio file or a music CD song.

**1.** **Play back an audio file or music CD (p. 78).**

**2.** **Press the TEMPO [-] or TEMPO [+] button.**

| Setting | 75–100–125(%) |
| --- | --- |

**MEMO**

The tempo will return to "100" when you reselect a song or turn off the power.

## Saving a Recorded Performance to USB Memory (Save Song)

Here's how to save a recorded performance to USB memory.

### Prepare for Saving

**1.** **Enter Function mode and choose "File Menu" (p. 64).**

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

**3.** **Use the [-] [+] buttons to choose "Save Song."**

```
File Menu
Save Song
Copy Song
Delete Song
DISPLAY:Exit  PIANO:Enter
```

**4.** **Press the [PIANO] button.**

### Rename the Song

**5.** **Rename the song (p. 57).**

### Select the Save Destination and Save the Song

**1.** **Use the [-] [+] buttons to select either "External Memory."**

```
Save Song
External Memory
1:(Empty)
DISPLAY:Prev  PIANO:Next
```

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

```
Save Song
External Memory
1:(Empty)
DISPLAY:Prev  PIANO:Exec.
```

**3.** **Use the [-] [+] buttons to specify the save destination.**

No song has been saved at song numbers for which "Empty" appears in the song title field. Choose an empty song number.

If you want to erase an unwanted song and replace it with the song you're saving, choose the song number that contains the unwanted song.

**4.** **Press the [PIANO] button.**

* **Never turn off the power while the display indicates "Executing..."**

## Deleting a Song from USB Memory (Delete Song)

Here's how to delete a song that you saved on USB memory.

### Prepare for Deletion

**1.** **Enter Function mode and choose "File Menu" (p. 64).**

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

**3.** **Use the [-] [+] buttons to choose "Delete Song."**

```
File Menu
Save Song
Copy Song
Delete Song
DISPLAY:Exit  PIANO:Enter
```

**4.** **Press the [PIANO] button.**

### Select the Song for Deletion

**1.** **Use the [-] [+] buttons to choose "External Memory."**

```
Delete Song
External Memory
1:Trio Grande
DISPLAY:Prev  PIANO:Next
```

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

```
Delete Song
External Memory
1:Trio Grande
DISPLAY:Prev  PIANO:Exec.
```

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

## Delete the Song

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

   A confirmation message will appear.

   ```
   OK to delete file?
          TEMPO
        ─      +
       Cancel    OK
   ```

   If you decide not to delete the song, press the TEMPO [-] button.

2. **Press the TEMPO [+] button.**

   The selected song will be deleted.

   * **Never turn off the power while the display indicates "Executing…"**

### Copying a Song (Copy Song)

Here's how a song saved in internal memory can be copied to USB memory. Alternatively, a song saved on USB memory can be copied to internal memory.

## Prepare for Copying

1. **Enter Function mode and choose "File Menu" (p. 64).**
2. **Press the [PIANO] button.**
3. **Use the [-] [+] buttons to choose "Copy Song."**
4. **Press the [PIANO] button.**

## Select the Song to Be Copied

1. **Use the [-] [+] buttons to select the copy-source media.**

   | Indication | Setting |
   | --- | --- |
   | **Internal Memory** | Internal memory |
   | **External Memory** | USB memory |

   ```
   Copy from ...
   ◄► Internal Memory
      1:Trio Grande

   DISPLAY:Exit  PIANO:Next
   ```

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

   ```
   Copy from ...
      Internal Memory
   ◄► 1:Trio Grande

   DISPLAY:Prev  PIANO:Next
   ```

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

   If you choose "All," all songs in the copy source (excluding audio files) will be copied.

4. **Press the [PIANO] button.**

5. **Use the [-] [+] buttons to select the copy-destination number.**

   ```
   Copy to ...
      External Memory
   ◄► 1:(Empty)

   DISPLAY:Prev  PIANO:Exec.
   ```

   No song is saved at song numbers for which "Empty" appears for the song title. Select a song number that does not contain a song.

## Copy the Song

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

   The selected song will be copied.
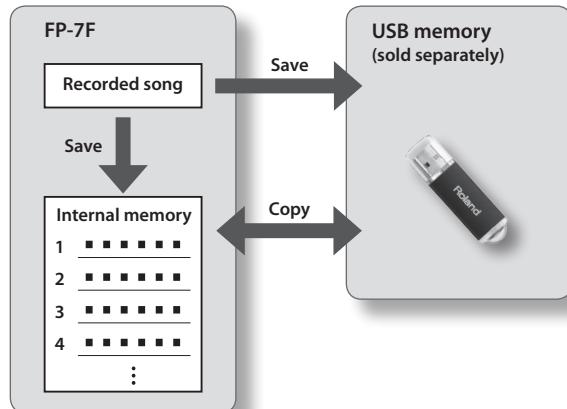
   * **Audio files cannot be copied.**

   * **Never turn off the power while the display indicates "Executing…"**

   ### Save and Copy

   A song you've recorded can be saved in internal memory or USB memory.

   Songs saved in internal memory can be copied to external memory, such as USB memory.
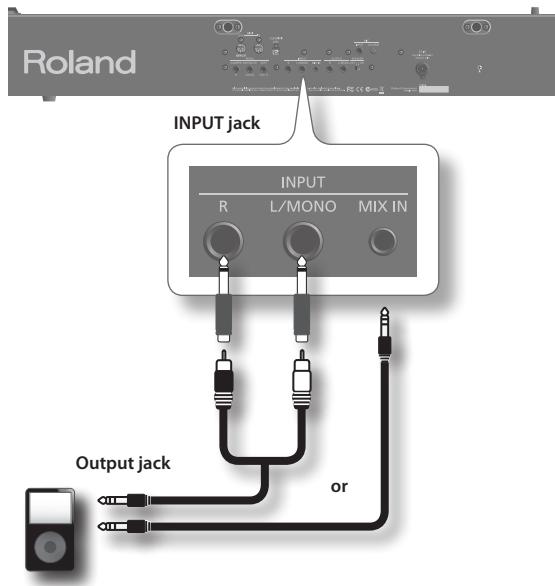
# Connecting to Audio Equipment

If you connect the FP-7F to powered speakers or to an audio system that has line input jacks, you'll be able to hear the FP-7F's sound from your powered speakers or audio system. If you connect your portable audio player or other audio playback device to the FP-7F, you'll be able to hear its sound via the FP-7F.

Use audio cables (sold separately) to make connections.

* **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.**

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

## Having Audio from an External Device be Sounded Through the FP-7F



**INPUT jack**

**Output jack**

**or**

**Digital audio player, etc.**

1. **Turn the volume all the way down on the FP-7F and on the audio device.**
2. **Turn off the power to the FP-7F and audio device.**
3. **Use audio cables (sold separately) to make the connection.**
4. **Switch on the connected audio device.**
5. **Switch on the FP-7F.**
6. **Adjust the volume level on the FP-7F and the connected audio device.**

   The sounds from the connected audio device are played by the FP-7F.
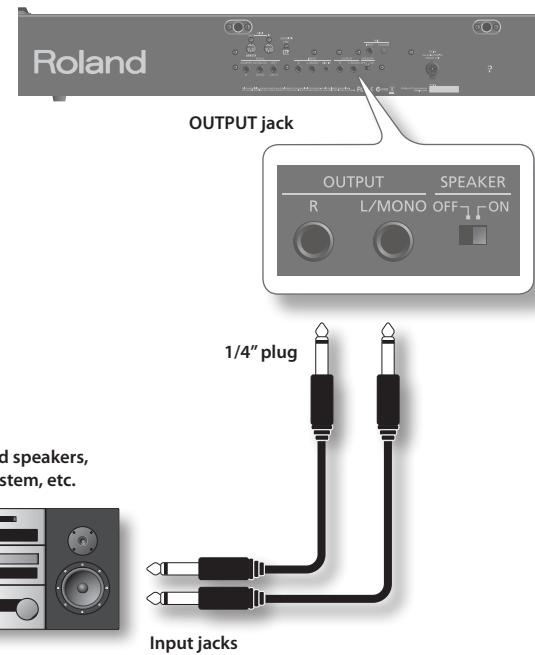
   **MEMO**
   Adjust the volume by using the controls of your audio device.

## Turning Off the Power

1. **Turn the volume all the way down on the FP-7F and on the audio device you're about to connect.**
2. **Turn off the FP-7F.**
3. **Turn off the connected audio device.**

# Connecting Speakers to the FP-7F and Outputting Sounds



**OUTPUT jack**

**1/4" plug**

**Amplified speakers, Audio system, etc.**

**Input jacks**

1. **Turn the volume all the way down on the FP-7F and on the speaker.**
2. **Turn off the power to the FP-7F and speakers.**
3. **Use audio cables (sold separately) to make the connection.**
4. **Switch on the FP-7F.**
5. **Switch on the connected speakers.**
6. **Adjust the volume level on the FP-7F and the connected speakers.**

   When you play the FP-7F's keyboard, the sound is played from the connected speakers.

## Turning Off the Power

1. **Turn the volume all the way down on the FP-7F and on the speakers you're about to connect.**
2. **Turn off the connected speakers.**
3. **Turn off the FP-7F.**

   **MEMO**
   • Sound will still be heard from the FP-7F's internal speakers even if you connect external speakers.
   If you don't want to hear the internal speakers, turn the [SPEAKER] switch "Off" so that sound will be heard only from the external speakers.

   • The FP-7F is designed so that when you connect headphones, the sound is optimized for listening through headphones. For this reason, the sound heard from speakers connected to the FP-7F will be different depending on whether or not headphones are connected.

* **If headphones are connected, no sound will be heard from the FP-7F's speakers even if the [SPEAKER] switch is in the "On" position.**

* **If you connect the FP-7F to an external device (such as an external speaker) in monaural, it may sound differently than when using a stereo connection.**

# Connecting to MIDI Devices
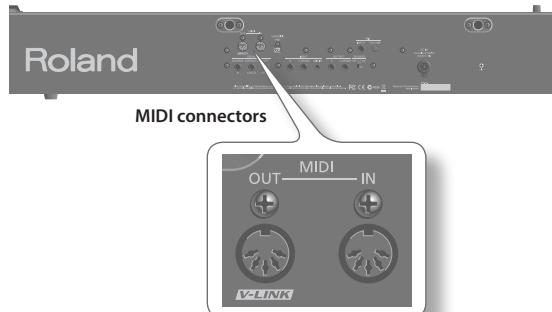
By connecting an external MIDI device and exchanging performance data, you can control one device from the other.

For instance, you can output sound from the other instrument or switch Tones on the other instrument.

### What's MIDI?

MIDI, short for "Musical Instrument Digital Interface," was developed as a universal standard for the exchange of performance data between electronic instruments and computers.

## Connecting a MIDI Sequencer to the FP-7F

**MIDI connectors**

**MIDI cable**

**MIDI sequencer**

\* When the FP-7F is connected to a MIDI sequencer, set it to "Local Off" (p. 84).

# Producing Sounds from a MIDI Sound Module by Playing the FP-7F

**MIDI connectors**

**MIDI cable**

**MIDI device**

## Making the Connection

1. **Turn the volume all the way down on the FP-7F and on the MIDI device.**

2. **Switch off the power to the FP-7F and the MIDI device.**

3. **Use a MIDI cables (sold separately) to connect the MIDI connectors to each other.**

4. **Switch on the power to the FP-7F and the connected MIDI device.**

5. **Adjust the volume level on the FP-7F and the connected MIDI device.**

6. **You should also set the MIDI transmit channel as needed.**

   **MEMO**
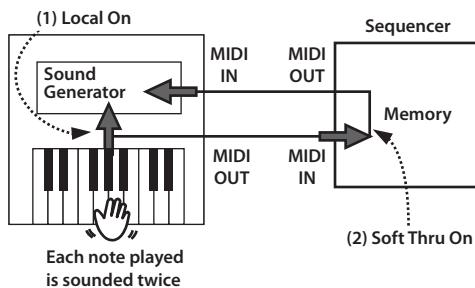
   For details on the MIDI transmit channel, refer to "Changing the MIDI Transmit Channel (MIDI Transmit Ch.)" (p. 84).

## Preventing Doubled Notes When Connected to a Sequencer (Local Control)
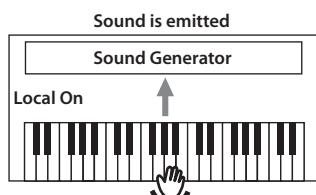
If you connect the FP-7F to a MIDI sequencer, turn off the Local Control setting as described below.

Since most sequencers have their "thru" function turned on, the data from your keyboard performance and the notes played back by the sequencer will arrive at the sound generator by the two routes marked (1) and (2) in the illustration. This will cause notes to be doubled or interrupted. To prevent this, turn Local Control off so that route (1) will be disconnected.



**Each note played is sounded twice**
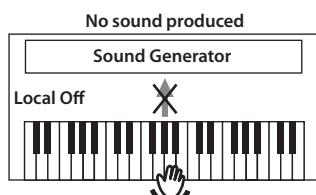
### Local On

The keyboard and sequencer are connected to the internal sound generator.



### Local Off

The keyboard and sequencer are not connected to the internal sound generator.

Playing the keyboard or playing back a song will not produce sound.



1. **Enter Function mode and choose "MIDI" (p. 64).**
2. **Press the [PIANO] button.**
3. **Use the [-] [+] buttons to choose "Local Control."**
4. **Press the [PIANO] button.**
5. **Use the [-] [+] buttons to turn the setting on or off.**

| Setting | Explanation |
|---------|-------------|
| On | Local Control is on. The keyboard and sequencer are connected to the internal sound generator. |
| Off | Local Control is off. The keyboard and sequencer are disconnected from the internal sound generator. Playing the keyboard or playing back a song will not produce sound. |

## Changing the MIDI Transmit Channel (MIDI Transmit Ch.)

Here's how to specify the MIDI channel that the FP-7F will use for transmission.

MIDI uses sixteen "MIDI channels," numbered 1–16. If MIDI devices are connected and set to the same MIDI channel, you can use one device to play or switch sounds on the other device.

The FP-7F receives all channels, 1–16.

1. **Enter Function mode and choose "MIDI" (p. 64).**
2. **Press the [PIANO] button.**
3. **Use the [-] [+] buttons to choose "MIDI Transmit Ch."**
4. **Press the [PIANO] button.**
5. **Use the [-] [+] buttons to change the setting.**

| Setting (channel) | Off, 1–16 |
|-------------------|-----------|

**MEMO**

If you choose "Off," the keyboard's performance data will not be transmitted.

## Transmitting Recorded Performance Data to a MIDI Device (Composer MIDI Out)

The performance data you've recorded on the FP-7F can be transmitted to a connected MIDI device or computer.

1. **Enter Function mode and choose "MIDI" (p. 64).**
2. **Press the [PIANO] button.**
3. **Use the [-] [+] buttons to choose "Composer MIDI Out."**
4. **Press the [PIANO] button.**
5. **Use the [-] [+] buttons to turn the setting on or off.**

| Setting | Explanation |
|---------|-------------|
| On | Performance data will be transmitted. |
| Off | Performance data will not be transmitted. |

## Transmitting Tone Selection Data (Regist. Tx PC Ch./Regist. PC/Regist. Bank MSB/Regist. Bank LSB)

When you switch registrations, program change, bank select MSB, and bank select LSB messages will be transmitted to a MIDI device. You can also specify the transmit channel.

1. **Enter Function mode and choose "MIDI" (p. 64).**

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

3. **Use the [-] [+] buttons to select the item that you want to edit.**

| Item | Setting | Explanation |
|---|---|---|
| **Regist. Tx PC Ch.** | **Off, 1–16** | Specifies the program change transmit channel. |
| **Regist. PC** | **001 (00)–128 (7F)** | Specifies the program change number. |
| **Regist. Bank MSB, Regist. Bank LSB** | **000 (00)–127 (7F)** | Specifies the bank select MSB/LSB. |

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

   The edit screen for that item will appear.

6. **Use the [-] [+] buttons to change the setting.**
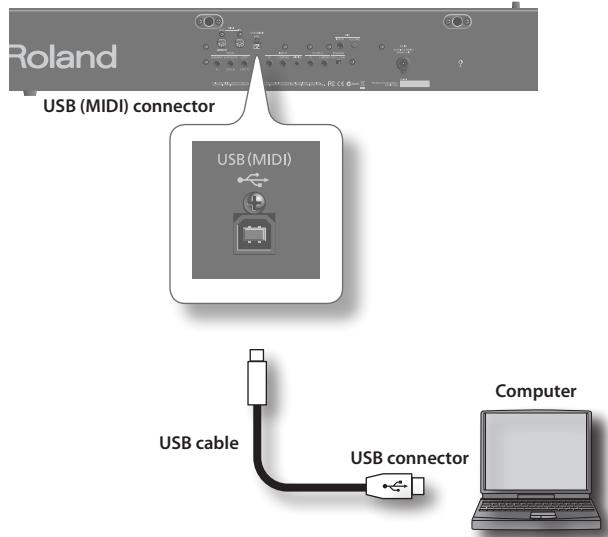
   You can press the [DISPLAY] button to return to the previous screen.

7. **Repeat steps 3–6 to make the desired settings.**

# Connecting a Computer

The following become possible once you connect a USB cable (available separately) between the USB connector on the FP-7F's left end of the bottom panel and the USB connector of your computer.

- You can use the FP-7F to play sounds from SMF music files played back with MIDI software.

- By exchanging MIDI data with sequencer software, you can save songs recorded with the FP-7F to your computer, and enjoy a variety of musical control and editing features.



**USB (MIDI) connector**

USB (MIDI)

**Computer**

**USB cable**    **USB connector**

\* **Refer to the Roland website for system requirements.**
   **Roland website: http://www.roland.com/**

## Changing the USB Driver Settings (USB Driver)

Normally, you don't need to install a driver in order to connect the FP-7F to your computer. However, if some problem occurs, or if the performance is poor, using the Roland original driver may solve the problem.

Specify the USB driver you want to use, and then install the driver.

1. **Enter Function mode and choose "USB Driver" (p. 64).**

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

3. **Press the [-] or [+] button to select the USB driver you want to use.**

| Setting | Explanation |
|---|---|
| **Generic** | Choose this if you want to use the standard USB driver that was included with your computer. Normally, you should use this mode. |
| **Original** | Choose this if you want to use a USB driver downloaded from the Roland website. |

4. **Turn on the power once again.**

   **MEMO**

   - This setting is remembered even when the power is turned off.

   - For details on downloading and installing the Roland original driver, refer to the Roland website.
     Roland website: http://www.roland.com/
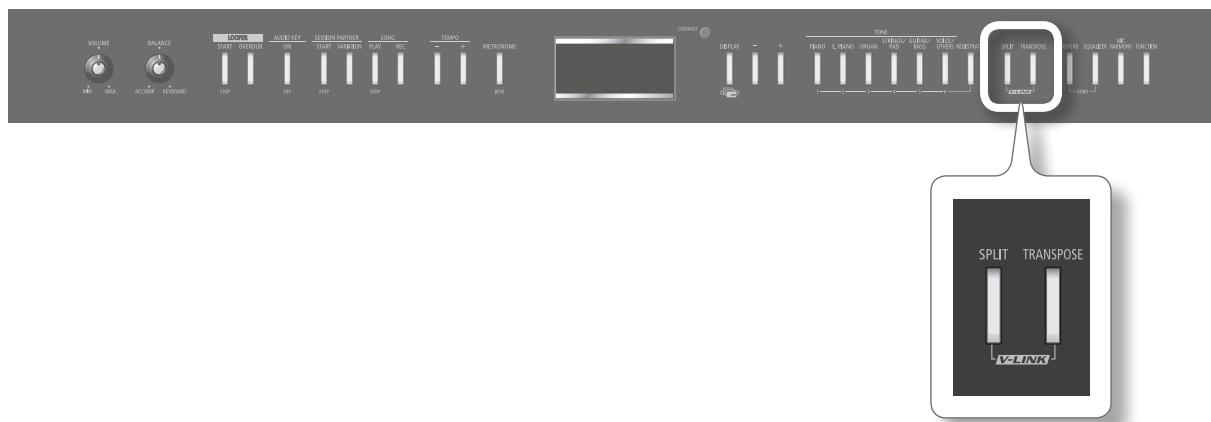
# Using the V-LINK Function

Connecting the FP-7F to a V-LINK compatible image device allows you to control the images with the FP-7F.

\* **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.**

---

### V-LINK

V-LINK ( **V-LINK** ) is a function that allows music and images to be performed together. By using MIDI to connect two or more V-LINK compatible devices, you can easily enjoy performing a wide range of visual effects that are linked to the expressive elements of a music performance.

---
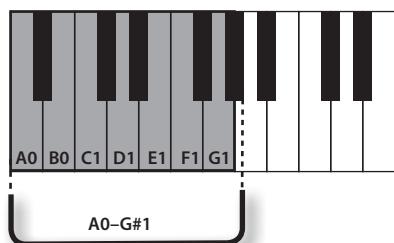
1. **Hold down the [SPLIT] button and press the [TRANSPOSE] button.**

When the V-LINK function is on, the V-LINK icon is shown in the upper left of the display.

You can control images using the twelve keys at the left end of the keyboard.

A0 B0 C1 D1 E1 F1 G1

A0–G#1

\* **While V-LINK is switched on, no sound is produced when you press any of the twelve keys at the left end of the keyboard.**

To cancel V-LINK, hold down the [SPLIT] button and press the [TRANSPOSE] button.

## Specifying the V-LINK Transmit Channel (V-LINK Transmit Ch.)

Here's how to specify the channel on which messages used to control video will be sent.

1. **Enter Function mode and choose "MIDI" (p. 64).**
2. **Press the [PIANO] button.**
3. **Use the [-] [+] buttons to choose "V-LINK Transmit Ch."**
4. **Press the [PIANO] button.**
5. **Use the [-] or [+] button to edit the setting.**

| Setting | 1–16 |
|---------|------|

# Troubleshooting

If you suspect a malfunction, please read this section first.

| Problem | Cause/Action | Page |
|---|---|---|
| **Power will not turn on** | Is the AC adaptor connected correctly? | P. 14 |
| **Buttons don't work** | Could Panel Lock be activated?<br>Deactivate Panel Lock. | P. 40 |
| **Nothing is shown in the screen** | The FP-7F uses a liquid crystal screen; if the temperature is below zero degrees centigrade, characters might not appear in the screen. This does not indicate a malfunction. | — |
| **Vertical stripes appear in the screen/ Color is faded at the edge of the screen** | These occur due to the nature of a liquid crystal display, and do not indicate a malfunction.<br>By adjusting the screen contrast you can make these artifacts less noticeable. | P. 18 |
| **Pedal does not work, or remains stuck** | Is the pedal connected correctly?<br>Insert the plug all the way into the pedal jack. | P. 17 |
| | Could you be using a pedal made by another manufacturer?<br>Use the included pedal or the RPU-3. | — |
| | The pedal effect may remain stuck if you disconnect the pedal cord while the power is on.<br>Switch off the FP-7F's power before you connect or disconnect the pedal cord. | — |
| | If you've assigned the soft pedal or sostenuto pedal as a registration select switch, or assigned it to some other function, the pedal won't operate as a Soft pedal or Sostenuto pedal. | P. 70 |
| **Can't read or write USB memory** | Are you using Roland USB memory (sold separately)?<br>Operation cannot be guaranteed if any other USB memory is used. | — |
| | If you're unable to read or write USB memory, change the Ext Memory setting. | P. 78 |
| **A buzzing sound is heard from an external device** | Could you be powering your external equipment from two or more electrical outlets?<br>If external equipment is connected, it must be powered from the same electrical outlet. | — |
| **The volume level of the instrument connected to the INPUT jacks is too low** | Could you be using a connection cable that contains a resistor?<br>Use a connection cable that does not contain a resistor. | — |

## No sound

| Problem | Cause/Action | Page |
|---|---|---|
| **No sound** | Could the FP-7F's volume or the volume of a connected device be minimized? | P. 15 |
| | Could headphones be connected?<br>Could a plug have been left in the headphone jack?<br>No sound will be output from the speakers if headphones or any other device is connected to the headphone jack. | P. 18 |
| | Could the [BALANCE] knob be turned all the way toward "ACCOMP" or "KEYBOARD"? | P. 15 |
| | Could the [SPEAKER] switch be "OFF"?<br>If the [SPEAKER] switch is "OFF," sound will not be heard from the built-in speakers. | P. 12 |
| | Could the Local Control setting be "Off"?<br>If Local Control is turned off, no sound will be heard when you play the keyboard. Turn Local Control "On." | P. 84 |
| **No sound when you play back a song** | Could the Local Control setting be "Off"?<br>If Local Control is turned off, no sound will be heard when you play back a song. Turn Local Control "On." | P. 84 |
| **No sound from the left-hand zone of the keyboard** | Could V-LINK be on?<br>If V-LINK is on, the lowest twelve keys are used to control images, and will not produce sound. | P. 86 |
| **No sound (when a MIDI device is connected)** | Are all devices powered up? | P. 83 |
| | Are the MIDI cables connected correctly? | |
| | Does the MIDI transmit channel match the setting of the connected device? | P. 84 |
| **No sound from the microphone** | Could the MIC [VOLUME] knob be set to the minimum? | P. 76 |
| | Could Mic Sw be set to "Off"? | P. 71 |
| | Could the switch of the microphone itself be turned off? | — |

# Troubleshooting

## Sound does not play correctly

| Problem | Cause/Action | Page |
|---|---|---|
| **Not all the notes you play are heard** | The maximum simultaneous polyphony is 128 notes. When using Dual Play or when performing along with a song or rhythm, or when making heavy use of the damper pedal, it is possible for the performance data to exceed the polyphony, causing some of the notes you play to be omitted. | — |
| **Keyboard or song pitch is incorrect** | Could you have made transpose settings? | P. 24 |
| | Is the master tuning setting appropriate? | P. 66 |
| | Is the temperament setting appropriate? | P. 66 |
| | Is the stretch tuning setting appropriate? | P. 35 |
| **Two sounds are heard when you play the keyboard** | Could the FP-7F be set to Dual Play? | P. 26 |
| | If an external sequencer is connected, set the FP-7F to the Local Off state, and turn your sequencer's Soft Thru setting off. | P. 84 |
| **Pressing the [STRINGS/PAD], [GUITAR/BASS], or [VOICE/GM2] button causes other tones to be heard** | The [STRINGS/PAD], [GUITAR/BASS], and [VOICE/GM2] buttons can also function in selecting "recommended tones." With the FP-7F's factory settings, if you connect a commercially available CD-ROM drive to the external memory connector, then select a song from a VIMA CD-ROM (VIMA TUNES), suitable tones for the song will automatically be assigned to the [STRINGS/PAD], [GUITAR/BASS], and [VOICE/GM2] buttons, allowing you to select appropriate tones by pressing these buttons. | — |
| **Effect not applied** | When you're using Dual Play or Split Play, and the two tones use different effects, no effect will be applied to tone 2 (when using Dual Play) or the left-hand tone (when using Split Play). | P. 26 P. 27 |
| **Reverberation is heard even when the reverb effect is switched off** | Since the FP-7F's piano sounds faithfully simulate the depth and resonance of an acoustic piano, this may sound like reverberation even when the reverb effect is off. | — |
| **Sound changes abruptly at a certain note in the upper range** | On an acoustic piano, the top one and a half octaves of notes will sound until they decay naturally, regardless of the damper pedal. The tone quality of these notes will also be different. The FP-7F faithfully simulates this and other characteristics of an acoustic piano. The range that is unaffected by the damper pedal will change depending on the transposition setting. | — |
| **A "whining" noise is heard** | **If you hear this in the headphones:** Some brilliant and sharply defined piano sounds contain significant high-frequency components, which may sound like a metallic resonance has been added. This is due to the faithful simulation of a piano's actual characteristics, and does not indicate a malfunction. You can adjust this resonance by editing the following settings. • Duplex Scale setting (p. 35) • String Resonance setting (p. 35) • Reverb depth (p. 25) **If you don't hear this in headphones:** Some other reason may be responsible (e.g., resonance in the FP-7F itself). Please contact your dealer or Roland Service Center. | — |
| **Something wrong with low-frequency sounds/Buzzing resonance occurs** | **If you don't hear this in headphones:** When performing at a high volume, the speakers or an object near the FP-7F might resonate. It is also possible for fluorescent lights or glass doors in the room to resonate. For the low notes in particular, this is more likely to occur at high volume. To minimize such resonance, take the following measures. • Locate the speakers 10–15 cm away from the wall. • Lower the volume. • Move the resonating object farther away. **If you hear this in headphones:** Some other reason may be responsible. Please contact your dealer or Roland Service Center. | — |
| | At high volumes, the sound may be distorted due to the way in which you are playing. If so, reduce the volume. | P. 15 |

## Song does not play correctly

| Problem | Cause/Action | Page |
|---|---|---|
| Can't play a song | Could the screen indicate "OK to erase Song?"?<br>You can't play back a built-in song if recorded performance data remains in internal memory. Delete the performance data before you play back the song. | P. 55 |
| A specific instrument within the song is not heard | Is Track Mute on?<br>Muted parts will not be heard. | P. 73 |
| Song tempo is unstable | If there is an excessive amount of performance data when playing a song from USB memory, the tempo might become unstable. | — |
| Can't see the song names on USB memory | If the song name data in the file is blank or consists only of spaces, the song name will not be displayed. | — |
| | Is the file name extension "MID"?<br>If the file name extension is wrong, the file cannot be handled as song data. | — |

## Can't record or play back

| Problem | Cause/Action | Page |
|---|---|---|
| Your recorded performance was lost | When you turn off the FP-7F's power, the recorded performance will be lost. The lost performance cannot be recovered.<br>Save the recorded performance to internal memory before you turn off the power. | P. 56 |
| Can't play back a song saved on USB memory | Is the file name extension "MID"?<br>If the file name extension is wrong, the file cannot be handled as song data. | — |

## Problems with audio files

| Problem | Cause/Action | Page |
|---|---|---|
| Can't play an audio file | Is the audio file in a format supported by the FP-7F?<br><br>To be playable, audio files must be in the following format.<br>• File name extension is ".wav"<br>• 16-bit linear sampling<br>• Sampling rate is 44.1 kHz | — |
| Can't record along with an audio file/<br>Can't copy an audio file to internal memory | The FP-7F does not allow recording using audio files, and cannot be used to copy audio files into internal memory. | — |

**MEMO**

Functions that cannot be used with audio file playback

- Reverb (P. 24)
- Save to internal memory (P. 56)

## Problems with Audio Key

| Problem | Cause/Action | Page |
|---|---|---|
| Can't use the Audio Key function | Could you be using Session Partner or Looper?<br>You can't use the Audio Key function while using Session Partner or Looper. | — |
| | The Audio Key function cannot be used while playing or recording a song. | — |

# Error Messages

| Indication | Meaning |
|---|---|
| Error: 1 | The music file you attempted to save is read-only. It cannot be saved. |
| Error: 2 | An error occurred while writing. It may be that the protect tab of the external media is in the "Protect (write prohibit)" position, or that the external media has not been formatted. |
| Error: 10 | External media is not inserted. Insert external media, and try the operation once again. |
| Error: 11 | There is insufficient free space at the save destination. Either insert other external media, or delete unwanted data (song data, registration sets) and try the operation again. |
| Error: 14 | An error occurred while reading. It may be that the external media is damaged. Insert other external media and try the operation again. Alternatively, format the external media. |
| Error: 15 | The file could not be read. This data format is not supported by the FP-7F. |
| Error: 16 | The data could not be read fast enough during song playback. In some cases you may be able to play back if you wait several seconds and then press the SONG [PLAY/STOP] button once again. |
| Error: 18 | This audio format is not supported. Please use WAV format 44.1 kHz 16-bit linear audio files. |
| Error: 30 | The FP-7F has insufficient storage space. |
| Error: 40 | Too much MIDI data was transmitted by an external MIDI device all at once, and the FP-7F was unable to process it. Reduce the amount of data being transmitted by the external MIDI device. |
| Error: 41 | A MIDI cable was disconnected. Connect the MIDI cable correctly. |
| Error: 43 | An error occurred during MIDI communication. Check the MIDI cable and the connected MIDI device. |
| Error: 51 | The system may have malfunctioned. Try the operation again. If this indication still appears after trying the operation several times, contact Roland Service Center. |
| Error: 65 | Excessive current flow occurred in the external memory connector. Verify that there is no malfunction in the external media, and then turn the power off, then on again. |

* **External media: USB memory, CD-ROM, etc.**

# Stored Items

## Items Stored in a Registration

| Stored Item | Explanation | Page |
|---|---|---|
| — | Selected tone | P. 20 |
| — | Dual performance On/Off | P. 26 |
| — | Tone 1/Tone 2 (Dual performance) | P. 26 |
| — | Split performance On/Off | P. 27 |
| — | Right-hand tone/Left-hand tone (Split performance) | P. 27 |
| — | Split point | P. 29 |
| — | Speed of the rotary effect for organ sounds | P. 20 |
| — | Transpose's on or off, its value, and Transpose mode | P. 30 |
| — | Reverb button's on or off, and the depth of reverb | P. 24 |
| Key Touch | Key touch | P. 66 |
| Key Touch Offset | Key touch offset | P. 66 |
| Session Partner | Settings for Session Partner (including chord progressions) | P. 44 |
| Edit Tone Wheel | Settings for each Tone Wheel Organ | P. 36 |
| Dual Balance | Dual balance | P. 72 |
| Transpose Mode | Transpose mode | P. 72 |
| Octave Shift | Octave shift | P. 72 |
| Damper Pedal Part | Setting for the Damper Pedal part | P. 72 |
| FC1 Pedal Func | FC1 pedal function | P. 73 |
| FC2 Pedal Func | FC2 pedal function | |
| MIDI Transmit Ch. | MIDI transmit channel | P. 84 |
| Regist. Tx PC Ch. | Program Change data | P. 85 |
| Regist. PC | | |
| Regist. Bank MSB | | |
| Regist. Bank LSB | | |

## Items Stored by Memory Backup

| Stored Item | Explanation | Page |
|---|---|---|
| Piano Designer | Piano designer | P. 34 |
| Master Tuning | Master tuning | P. 66 |
| Temperament | Temperament | P. 66 |
| Temperament Key | Temperament key | P. 66 |
| Equalizer | On/off status of the equalizer, number of the selected equalizer, values of the various settings | P. 71 |
| Lyrics | Lyrics display on/off setting | P. 74 |
| Song Language | Song name, selection of the language in which lyrics are to be displayed | P. 75 |
| CD/Audio Type | CD/Audio type | P. 74 |
| V-LINK Transmit Ch. | V-LINK transmit channel | P. 86 |

## Settings Stored Immediately When Edited

| Stored Item | Explanation | Page |
|---|---|---|
| Ext. Memory Mode | External Memory Mode | P. 85 |
| USB Driver | USB driver setting | P. 78 |

# Tone List

## PIANO

| No. | Tone name |
|-----|-----------|
| 001 | Grand Piano1 |
| 002 | Piano + Str. |
| 003 | Grand Piano2 |
| 004 | Piano + Pad |
| 005 | Grand Piano3 |
| 006 | MagicalPiano |
| 007 | Rock Piano |
| 008 | Piano+Choir |
| 009 | Honky-tonk |
| 010 | Harpsichord |
| 011 | Coupled Hps. |

## E.PIANO

| No. | Tone name |
|-----|-----------|
| 001 | Vintage EP |
| 002 | Pop E.Piano |
| 003 | '60s E.Piano |
| 004 | FM E.Piano |
| 005 | '70s E.Piano |
| 006 | Stage Phaser |
| 007 | E.Grand |
| 008 | Clav. |
| 009 | Vibraphone |
| 010 | Marimba |
| 011 | Celesta |
| 012 | Mallet Isle |
| 013 | Morning Lite |
| 014 | EP Belle |
| 015 | Ballad Bells |

## ORGAN

| No. | Tone name |
|-----|-----------|
| 001 | TW-Organ 1 |
| 002 | TW-Organ 2 |
| 003 | TW-Organ 3 |
| 004 | TW-Organ 4 |
| 005 | TW-Organ 5 |
| 006 | TW-Organ 6 |
| 007 | Combo Jz.Org |
| 008 | Ballad Organ |
| 009 | Gospel Spin |
| 010 | Full Stops |
| 011 | Mellow Bars |
| 012 | Light Organ |
| 013 | Lower Organ |
| 014 | Purple Spin |
| 015 | '60s Organ |
| 016 | ChurchOrgan1 |
| 017 | ChurchOrgan2 |
| 018 | Nason flt 8' |
| 019 | Accordion |

## STRINGS/PAD

| No. | Tone name | |
|-----|-----------|----|
| 001 | Rich Strings | |
| 002 | OrchestraStr | |
| 003 | Velo Strings | |
| 004 | DecayStrings | *1 |
| 005 | SynthStrings | |
| 006 | Soft Pad | |
| 007 | Glass Pad | |
| 008 | Silky Way | |
| 009 | Lunar Strngs | |
| 010 | Dcy ChoirPad | *1 |
| 011 | Orchestra | |
| 012 | OrchestraBrs | |
| 013 | Harp | |
| 014 | Violin | |
| 015 | Cello | |
| 016 | Pizzicato Str | |

## GUITAR/BASS

| No. | Tone name |
|-----|-----------|
| 001 | Nylon-str.Gt |
| 002 | Steel-str.Gt |
| 003 | Clean Guitar |
| 004 | Jazz Guitar |
| 005 | Overdrive Gt |
| 006 | AcousticBass |
| 007 | A.Bass+Cymbl |
| 008 | FingeredBass |
| 009 | FretlessBass |
| 010 | Slap Bass |
| 011 | Synth Bass |
| 012 | Thum Voice |

## VOICE/OTHERS

| No. | Tone name | |
|-----|-----------|----|
| 001 | Aerial Choir | |
| 002 | Jazz Scat | |
| 003 | Female Aahs | |
| 004 | Angels Choir | |
| 005 | Beauty Vox | |
| 006 | Male Aahs | |
| 007 | Harpvox | |
| 008 | Decay Choir | *1 |
| 009 | Alto Sax | |
| 010 | Tenor Sax | |
| 011 | BrassSection | |
| 012 | Flute | |
| 013 | ChamberWinds | |

## GM2

| No. | Tone name |
|-----|-----------|
| 014 | STANDARD Set |
| 015 | ROOM Set |
| 016 | POWER Set |
| 017 | ELEC.Set |
| 018 | ANALOG Set |
| 019 | JAZZ Set |
| 020 | BRUSH Set |
| 021 | ORCH.Set |
| 022 | SFX Set |
| 023 | Piano 1 |
| 024 | Piano 1w |
| 025 | Piano 1d |
| 026 | Piano 2 |
| 027 | Piano 2w |
| 028 | Piano 3 |
| 029 | Piano 3w |
| 030 | Honky-tonk |
| 031 | Honky-tonk w |
| 032 | E.Piano 1 |
| 033 | Detuned EP 1 |
| 034 | Vintage EP |
| 035 | '60s E.Piano |
| 036 | E.Piano 2 |
| 037 | Detuned EP 2 |
| 038 | St.FM EP |
| 039 | EP Legend |
| 040 | EP Phase |
| 041 | Harpsichord |
| 042 | Coupled Hps. |
| 043 | Harpsi.w |
| 044 | Harpsi.o |
| 045 | Clav. |
| 046 | Pulse Clav. |
| 047 | Celesta |
| 048 | Glockenspiel |
| 049 | Music Box |
| 050 | Vibraphone |

| No. | Tone name |
|-----|-----------|
| 051 | Vibraphone w |
| 052 | Marimba |
| 053 | Marimba w |
| 054 | Xylophone |
| 055 | TubularBells |
| 056 | Church Bell |
| 057 | Carillon |
| 058 | Santur |
| 059 | Organ 1 |
| 060 | TremoloOrgan |
| 061 | '60s Organ |
| 062 | Organ 2 |
| 063 | Perc.Organ 1 |
| 064 | Chorus Organ |
| 065 | Perc.Organ 2 |
| 066 | Rock Organ |
| 067 | Church Org.1 |
| 068 | Church Org.2 |
| 069 | Church Org.3 |
| 070 | Reed Organ |
| 071 | Puff Organ |
| 072 | Accordion 1 |
| 073 | Accordion 2 |
| 074 | Harmonica |
| 075 | Bandoneon |
| 076 | Nylon-str.Gt |
| 077 | Ukulele |
| 078 | Nylon Gt o |
| 079 | Nylon Gt 2 |
| 080 | Steel-str.Gt |
| 081 | 12-str.Gt |
| 082 | Mandolin |
| 083 | Steel+Body |
| 084 | Jazz Guitar |
| 085 | Hawaiian Gt |
| 086 | Clean Guitar |
| 087 | Chorus Gt 1 |
| 088 | Mid Tone Gt |
| 089 | Muted Guitar |
| 090 | Funk Guitar1 |
| 091 | Funk Guitar2 |
| 092 | Chorus Gt 2 |
| 093 | Overdrive Gt |
| 094 | Guitar Pinch |
| 095 | DistortionGt |
| 096 | Gt Feedback1 |
| 097 | Dist.Rtm Gt |
| 098 | Gt Harmonics |
| 099 | Gt Feedback2 |
| 100 | AcousticBass |
| 101 | FingeredBass |
| 102 | Finger Slap |
| 103 | Picked Bass |
| 104 | FretlessBass |
| 105 | Slap Bass 1 |

| No. | Tone name | No. | Tone name | No. | Tone name | No. | Tone name |
|-----|-----------|-----|-----------|-----|-----------|-----|-----------|
| 106 | Slap Bass 2 | 157 | AnalogBrass1 | 208 | Atmosphere | 259 | Helicopter |
| 107 | Synth Bass 1 | 158 | Jump Brass | 209 | Brightness | 260 | Car Engine |
| 108 | WarmSyn.Bass | 159 | Synth Brass2 | 210 | Goblins | 261 | Car Stop |
| 109 | Synth Bass 3 | 160 | Synth Brass4 | 211 | Echo Drops | 262 | Car Pass |
| 110 | Clav.Bass | 161 | AnalogBrass2 | 212 | Echo Bell | 263 | Car Crash |
| 111 | Hammer | 162 | Soprano Sax | 213 | Echo Pan | 264 | Siren |
| 112 | Synth Bass 2 | 163 | Alto Sax | 214 | Star Theme | 265 | Train |
| 113 | Synth Bass 4 | 164 | Tenor Sax | 215 | Sitar 1 | 266 | Jetplane |
| 114 | RubberSyn.Bs | 165 | Baritone Sax | 216 | Sitar 2 | 267 | Starship |
| 115 | Attack Pulse | 166 | Oboe | 217 | Banjo | 268 | Burst Noise |
| 116 | Violin | 167 | English Horn | 218 | Shamisen | 269 | Applause |
| 117 | Slow Violin | 168 | Bassoon | 219 | Koto | 270 | Laughing |
| 118 | Viola | 169 | Clarinet | 220 | Taisho Koto | 271 | Screaming |
| 119 | Cello | 170 | Piccolo | 221 | Kalimba | 272 | Punch |
| 120 | Contrabass | 171 | Flute | 222 | Bagpipe | 273 | Heart Beat |
| 121 | Tremolo Str. | 172 | Recorder | 223 | Fiddle | 274 | Footsteps |
| 122 | PizzicatoStr | 173 | Pan Flute | 224 | Shanai | 275 | Gun Shot |
| 123 | Harp | 174 | Bottle Blow | 225 | Tinkle Bell | 276 | Machine Gun |
| 124 | Yang Qin | 175 | Shakuhachi | 226 | Agogo | 277 | Laser Gun |
| 125 | Timpani | 176 | Whistle | 227 | Steel Drums | 278 | Explosion |
| 126 | Strings | 177 | Ocarina | 228 | Woodblock | | |
| 127 | Orchestra | 178 | Square Lead1 | 229 | Castanets | | |
| 128 | '60s Strings | 179 | Square Lead2 | 230 | Taiko | | |
| 129 | Slow Strings | 180 | Sine Lead | 231 | Concert BD | | |
| 130 | Syn.Strings1 | 181 | Saw Lead 1 | 232 | Melodic Tom1 | | |
| 131 | Syn.Strings3 | 182 | Saw Lead 2 | 233 | Melodic Tom2 | | |
| 132 | Syn.Strings2 | 183 | Doctor Solo | 234 | Synth Drum | | |
| 133 | Choir 1 | 184 | Natural Lead | 235 | TR-808 Tom | | |
| 134 | Choir 2 | 185 | SequencedSaw | 236 | Elec.Perc. | | |
| 135 | Voice | 186 | Syn.Calliope | 237 | Reverse Cym. | | |
| 136 | Humming | 187 | Chiffer Lead | 238 | Gt FretNoise | | |
| 137 | Synth Voice | 188 | Charang | 239 | Gt Cut Noise | | |
| 138 | Analog Voice | 189 | Wire Lead | 240 | BsStringSlap | | |
| 139 | OrchestraHit | 190 | Solo Vox | 241 | Breath Noise | | |
| 140 | Bass Hit | 191 | 5th Saw Lead | 242 | Fl.Key Click | | |
| 141 | 6th Hit | 192 | Bass+Lead | 243 | Seashore | | |
| 142 | Euro Hit | 193 | Delayed Lead | 244 | Rain | | |
| 143 | Trumpet | 194 | Fantasia | 245 | Thunder | | |
| 144 | Dark Trumpet | 195 | Warm Pad | 246 | Wind | | |
| 145 | Trombone 1 | 196 | Sine Pad | 247 | Stream | | |
| 146 | Trombone 2 | 197 | Polysynth | 248 | Bubble | | |
| 147 | Bright Tb | 198 | Space Voice | 249 | Bird 1 | | |
| 148 | Tuba | 199 | Itopia | 250 | Dog | | |
| 149 | MuteTrumpet1 | 200 | Bowed Glass | 251 | Horse Gallop | | |
| 150 | MuteTrumpet2 | 201 | Metallic Pad | 252 | Bird 2 | | |
| 151 | French Horn1 | 202 | Halo Pad | 253 | Telephone 1 | | |
| 152 | French Horn2 | 203 | Sweep Pad | 254 | Telephone 2 | | |
| 153 | Brass 1 | 204 | Ice Rain | 255 | DoorCreaking | | |
| 154 | Brass 2 | 205 | Soundtrack | 256 | Door | | |
| 155 | Synth Brass1 | 206 | Crystal | 257 | Scratch | | |
| 156 | Synth Brass3 | 207 | Synth Mallet | 258 | Wind Chimes | | |

Tones indicated by "*1" are suitable for playing layered with a piano tone.

* **In the tone group "Voice/Others" when you hold down the [-] or [+] button to switch tone in succession, the tones will stop changing at number 014 and number 023. To select the next sound, release the [-] or [+] button, then press it again.**

## Tone List

### STANDARD Set

| Note | No. | Instrument | EXC |
|------|-----|------------|-----|
| | 27 | High-Q | |
| | 28 | Slap | |
| | 29 | Scratch Push | [EXC7] |
| | 30 | Scratch Pull | [EXC7] |
| | 31 | Sticks | |
| | 32 | Square Click | |
| | 33 | Metronome Click | |
| | 34 | Metronome Bell | |
| | 35 | Kick Drum 2 | |
| C2 | 36 | Kick Drum 1 | |
| | 37 | Side Stick | |
| | 38 | Snare Drum | |
| | 39 | Hand Clap | |
| | 40 | Electric Snare 3 | |
| | 41 | Low Tom 2 | |
| | 42 | Closed Hi-Hat 1 | [EXC1] |
| | 43 | Low Tom 1 | |
| | 44 | Pedal Hi-Hat 1 | [EXC1] |
| | 45 | Mid Tom 2 | |
| | 46 | Open Hi-Hat 1 | [EXC1] |
| | 47 | Mid Tom 1 | |
| C3 | 48 | High Tom 2 | |
| | 49 | Crash Cymbal 1 | |
| | 50 | High Tom 1 | |
| | 51 | Ride Cymbal 1 | |
| | 52 | Chinese Cymbal 1 | |
| | 53 | Ride Bell 1 | |
| | 54 | Tambourine | |
| | 55 | Splash Cymbal | |
| | 56 | Cowbell | |
| | 57 | Crash Cymbal 2 | |
| | 58 | Vibraslap | |
| | 59 | Ride Cymbal 2 | |
| C4 | 60 | High Bongo 1 | |
| | 61 | Low Bongo 1 | |
| | 62 | Mute High Conga 1 | |
| | 63 | Open High Conga | |
| | 64 | Low Conga | |
| | 65 | High Timbale | |
| | 66 | Low Timbale | |
| | 67 | High Agogo | |
| | 68 | Low Agogo | |
| | 69 | Cabasa | |
| | 70 | Maracas | |
| | 71 | Short High Whistle | [EXC2] |
| C5 | 72 | Long Low Whistle | [EXC2] |
| | 73 | Short Guiro | [EXC3] |
| | 74 | Long Guiro | [EXC3] |
| | 75 | Claves | |
| | 76 | High Woodblock | |
| | 77 | Low Woodblock | |
| | 78 | Mute Cuica | [EXC4] |
| | 79 | Open Cuica | [EXC4] |
| | 80 | Mute Triangle | [EXC5] |
| | 81 | Open Triangle | [EXC5] |
| | 82 | Shaker | |
| | 83 | Jingle Bell | |
| C6 | 84 | Bar Tree | |
| | 85 | Castanets | |
| | 86 | Mute Surdo | [EXC6] |
| | 87 | Open Surdo | [EXC6] |
| | 88 | ----- | |

* -----: No sound.

* [EXC]: will not sound simultaneously with other percussion instruments of the same number.

# Rhythm List (Session Partner)

| No. | Rhythm name | Chord progression pattern number | Tempo |
|---|---|---|---|
| 1 | Rock Pop | 5 | 108 |
| 2 | Street Pop | 57 | 100 |
| 3 | 8-Beat Pop 1 | 55 | 108 |
| 4 | Piano Ballad | 58 | 84 |
| 5 | Organ Ballad | 10 | 75 |
| 6 | R&B Ballad | 41 | 60 |
| 7 | Acoustic | 12 | 92 |
| 8 | StraightRock | 54 | 136 |
| 9 | S.8-Bt Rock2 | 59 | 115 |
| 10 | Loose Rock | 13 | 174 |
| 11 | Guitar Funk | 19 | 104 |
| 12 | 8-Beat Funk | 16 | 108 |
| 13 | Fusion | 21 | 95 |
| 14 | 8-Bt Fusion1 | 23 | 113 |
| 15 | Jazz | 35 | 136 |
| 16 | Fast Jazz 1 | 36 | 128 |
| 17 | Latin Pop | 47 | 150 |
| 18 | Latin Fusion | 48 | 125 |
| 19 | Motown | 3 | 95 |
| 20 | Guitar Pop | 60 | 82 |
| 21 | 16-Beat Pop | 14 | 116 |
| 22 | 8-Bt Shuffle | 28 | 96 |
| 23 | Pop | 17 | 100 |
| 24 | S.Pop | 17 | 100 |
| 25 | Contemporary | 23 | 93 |
| 26 | Medium Pop | 24 | 86 |
| 27 | S.Medium Pop | 24 | 86 |
| 28 | 8-Beat Pop 2 | 14 | 126 |
| 29 | S.8-Bt Pop 2 | 14 | 126 |
| 30 | Piano Pop | 52 | 116 |
| 31 | Country Pop | 27 | 98 |
| 32 | Shuffle | 28 | 116 |
| 33 | S.Shuffle | 28 | 116 |
| 34 | Smooth Pop | 53 | 88 |
| 35 | 6/8 Ballad | 61 | 216 |
| 36 | Ballad | 39 | 82 |
| 37 | Gt Ballad | 12 | 80 |
| 38 | E.Piano Bld | 40 | 67 |
| 39 | 808 Ballad | 42 | 65 |
| 40 | New Age Bld | 43 | 66 |
| 41 | Piano Waltz | 50 | 90 |
| 42 | 8-Beat Rock1 | 52 | 128 |
| 43 | 8-Beat Rock2 | 19 | 106 |
| 44 | 8-Beat Rock3 | 29 | 140 |
| 45 | S.8-Bt Rock3 | 29 | 140 |
| 46 | 16-BeatRock1 | 53 | 142 |
| 47 | 16-BeatRock2 | 54 | 86 |
| 48 | Bounce Rock | 11 | 105 |
| 49 | S.BounceRock | 11 | 105 |
| 50 | 16-BeatFunk1 | 24 | 120 |
| 51 | 16-BeatFunk2 | 38 | 110 |
| 52 | Slow Funk | 33 | 85 |
| 53 | Contemp Funk | 16 | 103 |
| 54 | Rhythmic Gt | 20 | 100 |
| 55 | '70s Soul | 22 | 96 |

| No. | Rhythm name | Chord progression pattern number | Tempo |
|---|---|---|---|
| 56 | 8-Bt Fusion2 | 25 | 112 |
| 57 | 16-Bt Fusion | 21 | 124 |
| 58 | Jazz Brush | 37 | 60 |
| 59 | Fast Jazz 2 | 34 | 220 |
| 60 | W Time Feel | 36 | 140 |
| 61 | S.WTime Feel | 36 | 140 |
| 62 | Scat Swing | 37 | 120 |
| 63 | Piano Jazz | 38 | 110 |
| 64 | Jazz Waltz | 56 | 90 |
| 65 | Fast Bossa | 47 | 110 |
| 66 | Bossa Nova | 48 | 125 |
| 67 | Salsa | 45 | 92 |
| 68 | Latin | 46 | 116 |
| 69 | S.Latin | 46 | 116 |
| 70 | Mambo | 45 | 92 |
| 71 | Beguine | 49 | 105 |
| 72 | Hip Hop | 18 | 98 |
| 73 | 808 Hip Hop | 25 | 102 |
| 74 | S.808 HipHop | 25 | 102 |
| 75 | Euro Dance | 15 | 135 |
| 76 | Honky Pop | 32 | 185 |
| 77 | S.Honky Pop | 32 | 185 |
| 78 | Boogie | 33 | 170 |
| 79 | Gospel | 30 | 120 |
| 80 | Gospel Shout | 31 | 150 |

# Chord Progression Pattern List

It is the Chord Progression Pattern List by each measure. These are basic chord progression pattern from No. 1 to No. 10, and these are suitable chord progression for the internal rhythm from No. 11 to No. 62.

| No. | Accompaniment pattern | Chord progression | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | Original/Variation | C | Am | Dm7 | G7 | C | Am | Dm7 | G7 | | | | | | | | |
| 2 | Original/Variation | Am | G | F | E7 | Am | G | F | E7 | | | | | | | | |
| 3 | Original/Variation | CM7 | Am7 | Dm7 | G7 | CM7 | Am7 | Dm7 | G7 | | | | | | | | |
| 4 | Original/Variation | Dm7 | G7 | CM7 | Am7 | Dm7 | G7 | CM7 | A7 | | | | | | | | |
| 5 | Original/Variation | C | Bm7 | Em7 | Am | F | G | Csus4 | C | | | | | | | | |
| 6 | Original/Variation | Dm7 | G7 | CM7 | FM7 | Bm7♭5 | E7 | Am7 | A7 | | | | | | | | |
| 7 | Original/Variation | C7 | F7 | C7 | → | F7 | → | C7 | → | G7 | F7 | C7 | G7 | | | | |
| 8 | Original/Variation | CM7 | → | Cdim | → | Dm9 | G7 | CM7 | Dm9 | CM7 | → | Cdim | → | Dm9 | G7 | CM7 | → |
| 9 | Original/Variation | C | → | Am7 | → | Dm7 | → | G7sus4 | → | | | | | | | | |
| 10 | Original/Variation | C | C/B | Am | Am/G | F | G | C | → | | | | | | | | |
| 11 | Original | C | C7sus4 | F | B♭7sus4 | C | C7sus4 | F | Fm6 | | | | | | | | |
| 11 | Variation | Am | E7 | C7 | F | Fm6 | Em7 | F | G | | | | | | | | |
| 12 | Original | Dm | G7 | C | A7 | Dm | G7 | Am | D7 | | | | | | | | |
| 12 | Variation | F | G | C | C7sus4 | F | G | Am | A7 | | | | | | | | |
| 13 | Original | Am | → | G | Am | → | → | F | D | | | | | | | | |
| 13 | Variation | D | → | C | D | → | → | F | G | | | | | | | | |
| 14 | Original | C | → | E♭7 | F7 | C | → | E♭7 | B♭ | | | | | | | | |
| 14 | Variation | C7sus4 | C7 | B♭7sus4 | B7 | C7sus4 | C7 | A♭7sus4 | B♭7sus4 | | | | | | | | |
| 15 | Original | Am | → | D | → | Am | → | G | → | | | | | | | | |
| 15 | Variation | C | → | B♭ | → | C | → | E♭ | G | | | | | | | | |
| 16 | Original | F | → | B♭ | → | F | → | B♭ | → | | | | | | | | |
| 16 | Variation | Dm | C | Dm | C | B♭ | → | Gm | C | | | | | | | | |
| 17 | Original | C | Gm7 | FM7 | B♭7 | C | Gm7 | F | F/G | | | | | | | | |
| 17 | Variation | FM9 | F/G | C | Am7 | FM9 | F/G | B♭7 | F/G | | | | | | | | |
| 18 | Original | C | B♭ | C | Gm7 | C | B♭ | C | Gm7 | | | | | | | | |
| 18 | Variation | C | G7 | C | G7 | C | G7 | C | B♭ | | | | | | | | |
| 19 | Original | C | Am7 | Dm7 | G7 | C | Am7 | Dm7 | G7 | | | | | | | | |
| 19 | Variation | FM7 | → | CM7 | Am7 | FM7 | Fm7 | F/G | → | | | | | | | | |
| 20 | Original | Am7 | D7 | Am7 | D7 | Am7 | D7 | Am7 | F/G | | | | | | | | |
| 20 | Variation | C | → | Am7 | → | C | → | F/G | → | | | | | | | | |
| 21 | Original | CM9 | A♭M7 | CM9 | A♭M7 | CM9 | A♭M7 | FM9 | F/G | | | | | | | | |
| 21 | Variation | A♭M9 | → | B♭9 | → | A♭M9 | → | B♭9 | → | | | | | | | | |
| 22 | Original | CM9 | → | Am9 | → | CM9 | → | Am9 | → | FM9 | → | G6 | → | | | | |
| 22 | Variation | FM9 | G6 | FM9 | G6 | FM9 | G6 | FM9 | G6 | CM9 | → | F/G | → | | | | |
| 23 | Original | C | → | FM7 | → | C | → | F/G | → | | | | | | | | |
| 23 | Variation | Dm7 | G7 | C | Am7 | Dm7 | G7 | C | → | | | | | | | | |
| 24 | Original | C | → | G | → | G7 | → | C | C7 | F | → | C | Am7 | Dm7 | G | C | C7 |
| 24 | Variation | FM7 | → | G | → | FM7 | → | G | → | FM7 | → | G | G7 | C | → | → | F/G |
| 25 | Original | Am7 | D7 | Am7 | D7 | Gm7 | C7 | Gm7 | E7♯9 | | | | | | | | |
| 25 | Variation | Am7 | D7sus4 | Am7 | D7 | FM7 | E7♯9 | Am7 | B♭M7 | | | | | | | | |
| 26 | Original | CM7 | → | Am7 | → | Dm7 | → | G7 | → | | | | | | | | |
| 26 | Variation | C | → | F | → | Dm | → | G | → | C | → | F | → | G | → | C | → |
| 27 | Original | C | Am | C | Am | C | Am | F | G | | | | | | | | |
| 27 | Variation | C | G | F | G | C | G | F | G7 | | | | | | | | |
| 28 | Original | C | → | → | → | F7sus4 | F7 | G7sus4 | G7 | | | | | | | | |
| 28 | Variation | FM7 | G7 | C | → | FM7 | G7 | C | → | | | | | | | | |
| 29 | Original | C | → | G | → | C | → | G | → | | | | | | | | |
| 29 | Variation | F | Am | G7 | Dm7 | F | Am7 | G7 | → | | | | | | | | |
| 30 | Original | C | → | Fm7 | → | C | C♯dim | Dm7 | G7 | | | | | | | | |
| 30 | Variation | F | F♯dim | C/G | A7 | D7 | → | G7 | → | | | | | | | | |
| 31 | Original | C | → | → | → | → | → | → | → | F | C | F | C | F | C | G7 | → |
| 31 | Variation | C | → | → | → | → | → | C7 | → | G | → | F7 | → | G7 | → | F7 | G7 |
| 32 | Original | C | → | → | → | F | → | G | → | | | | | | | | |
| 32 | Variation | F | → | C | → | F | → | G | → | | | | | | | | |
| 33 | Original | A7 | D7 | A7 | → | D7 | → | A7 | → | E7 | D7 | A7 | E7 | | | | |
| 33 | Variation | C | F | C | C7 | F7 | → | C | A7 | D7 | G7 | C | G7 | | | | |

| No. | Accompaniment pattern | Chord progression | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 34 | Original | F | C7 | Am7 | C7 | F7 | B♭7 | F/C | C7 | | | | | | | | |
| | Variation | A7 | → | D7 | → | G7 | → | C7 | → | | | | | | | | |
| 35 | Original | C6 | → | Dm7 | G7 | Dm7 | G7 | C6 | → | Am | Am9 | Dm7 | → | G(11) | → | C6 | F/G |
| | Variation | C6 | → | Dm7 | G7 | Dm7 | G7 | C6 | → | Am | A♭aug | Dm7 | → | G(11) | → | C6 | C6 |
| 36 | Original | C | → | → | C7 | F | → | C | → | G7 | F7 | C | G7 | | | | |
| | Variation | C | F | C | C7 | F7 | → | C | A7 | D7 | G7 | C | G7 | | | | |
| 37 | Original | C | → | F | → | C | → | F | → | | | | | | | | |
| | Variation | Em7 | A7♭9 | Dm7 | G7 | Em7 | C#dim | Dm7 | G7 | | | | | | | | |
| 38 | Original | CM9 | → | F/G | → | CM9 | C9 | FM9 | F/G | | | | | | | | |
| | Variation | FM9 | F/G | CM9 | Am9 | Dm7♭5 | G7♭9 | CM7 | F/G | | | | | | | | |
| 39 | Original | C | → | Gm7 | → | C | → | Gm7 | → | | | | | | | | |
| | Variation | F | G7 | C | C7 | F | G7 | Am | F/G | | | | | | | | |
| 40 | Original | CM7 | C#dim | Dm7 | G7 | CM7 | C#dim | Dm7 | G7 | | | | | | | | |
| | Variation | FM7 | G7 | CM7 | → | FM7 | G7 | C | C7 | | | | | | | | |
| 41 | Original | Cm7 | Fm7 | Cm7 | Fm7 | Cm7 | Fm7 | Cm7 | Fm7 | | | | | | | | |
| | Variation | Ddim | G7♭9 | Ddim | G7♭9 | Ddim | G7♭9 | Ddim | G7♭9 | | | | | | | | |
| 42 | Original | Gm | → | Am7♭5 | D7 | Gm | → | Am7♭5 | D7 | | | | | | | | |
| | Variation | E♭6 | D7 | Gm7 | C7 | E♭M7 | D7 | Gm | Gm | | | | | | | | |
| 43 | Original | C | Dm | Dm7/G | C | F | Em7 | E♭ | D | | | | | | | | |
| | Variation | C | Bm7 | Em9 | A7 | Am | D7 | Dm9 | G7sus4 | | | | | | | | |
| 44 | Original | C | Am | F | G | C | Am | F | G | | | | | | | | |
| | Variation | F | → | Em | → | Dm | → | C | → | Em | → | Am | → | F | → | F/G | G7 |
| 45 | Original | C | G7 | → | C | → | G7 | → | C | | | | | | | | |
| | Variation | F | C | G7 | C7 | F | C | G7 | C | | | | | | | | |
| 46 | Original | Am | E7 | Am | E7 | Am | E7 | Dm7 | E7 | | | | | | | | |
| | Variation | Am | E7 | Am | E7 | Dm7 | G7 | Bm7 | E7 | | | | | | | | |
| 47 | Original | DM7 | → | CM7 | → | F#m9 | F9 | Em9 | E♭9 | | | | | | | | |
| | Variation | DM7 | C#m7♭5 | Bm7 | Am7 | GM7 | Fm7♭5 | Em9 | A7 | | | | | | | | |
| 48 | Original | C | → | D6 | → | Dm7 | G7 | C | → | | | | | | | | |
| | Variation | F | Fm | C | → | F | Fm | G7sus4 | G7 | | | | | | | | |
| 49 | Original | C | → | → | → | → | → | G | → | G7 | → | G | → | G7 | → | C | → |
| | Variation | C | → | G7 | → | → | → | C | → | → | → | G7 | → | Dm7 | G7 | C | → |
| 50 | Original | C | → | CM7 | → | C7 | → | F | → | → | → | CM7 | C#dim | Dm7 | Fm | C | → |
| | Variation | Dm | E♭dim (D#dim) | Em7 | A7 | Dm7 | G7 | C | → | | | | | | | | |
| 51 | Original | C | G7 | A♭ | F | C | G7 | A♭ | F | | | | | | | | |
| | Variation | C | G7 | E♭ | D7 | C | G7 | E♭ | G7 | | | | | | | | |
| 52 | Original | C | → | Am | → | C | → | Am | → | | | | | | | | |
| | Variation | FM7 | C | FM7 | C | E♭ | C | G7 | → | | | | | | | | |
| 53 | Original | Cm | CmM7 | Cm7 | F7 | Cm | A♭7 | G7 | → | | | | | | | | |
| | Variation | Cm | CmM7 | Cm7 | F7 | A♭7 | G7 | Cm | F7 | | | | | | | | |
| 54 | Original | D | C/D | G/D | B♭/D | D | C/D | G/D | B♭/D | | | | | | | | |
| | Variation | F#m7 | Bm | D | C#7 | F#m7 | Bm | G | A7 | | | | | | | | |
| 55 | Original | C | Cmaj7 | C6 | Cmaj7 | C | C | Dm | DmM7 | Dm | DmM7 | Dm7 | DmM7 | Dm | G | C | C |
| | Variation | Dm | G | C | C | Dm | G | Am | Am | Dm | G | Am | Am | Dm | G | C | C |
| 56 | Original | Fm7 | B♭7 | Fm7 | B♭7 | Fm7 | B♭7 | C#7(D♭7) | C7 | Fm7 | B♭7 | Fm7 | B♭7 | Fm7 | B♭7 | C7 | Fm |
| | Variation | B♭m7 | E♭7 | A♭ | C#(D♭) | F# | B | Gm7♭5 | C7 | | | | | | | | |
| 57 | Original/Variation | F | C | Dm | B♭ | F | C | Dm | B♭ | F | C | Dm | B♭ | F | C | Dm | B♭ |
| 58 | Original/Variation | D | A | A7 | D | G | D | A | D | | | | | | | | |
| 59 | Original/Variation | D | D | Bm | Bm | G | A | Bm | Bm | | | | | | | | |
| 60 | Original/Variation | Am | E | G | D | F | C | Dm | E | F | C | E7 | Am | F | C | Dm | E7 |
| 61 | Original/Variation | Am | C | D | F | Am | C | E | E | Am | C | D | F | Am | E | Am | Am |

# Looper Rhythm List

| No. | Looper rhythm name | Chord progression | | | | | | | | | | | | | | | | Tempo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | |
| 1 | Pop 1 | C | F | G7 | C | | | | | | | | | | | | | 108 |
| 2 | Pop 2 | F | Dm | Gm | C7 | | | | | | | | | | | | | 120 |
| 3 | R&B 1 | Am | G | F | E7 | | | | | | | | | | | | | 85 |
| 4 | R&B 2 | Cm | Fm | G7 | Cm | | | | | | | | | | | | | 108 |
| 5 | Dance 1 | Am | Am | Dm | Dm | | | | | | | | | | | | | 138 |
| 6 | Dance 2 | Em | Dm | Em | F | | | | | | | | | | | | | 132 |
| 7 | Rock 1 | A | D | G | C | | | | | | | | | | | | | 118 |
| 8 | Rock 2 | Gm | Gm | Gm | C | | | | | | | | | | | | | 172 |
| 9 | Blues 1 | F7 | F7 | F7 | F7 | B♭7 | B♭7 | F7 | F7 | C7 | B♭7 | F7 | C7 | | | | | 60 |
| 10 | Blues 2 | G7 | C7 | G7 | G7 | C7 | C7 | G7 | E7 | A7 | D7 | G7 | Daug | | | | | 116 |
| 11 | Gospel | C | F | C | F | G | C | D7 | G7 | | | | | | | | | 143 |
| 12 | Ballad 1 | Am | G | F | C/E | Dm | C | B | E7 | | | | | | | | | 88 |
| 13 | Ballad 2 | F | Gm7 | C7 | Fmaj7 | | | | | | | | | | | | | 75 |
| 14 | Funk | F7 | B♭7 | F7 | F7 | B♭7 | B♭7 | F7 | F7 | C7 | B♭7 | F7 | C7 | | | | | 120 |
| 15 | Swing Jazz 1 | Fm7 | B♭7 | E♭maj7 | A♭maj7 | Dm7 | G7 | Cm | C7 | | | | | | | | | 130 |
| 16 | Swing Jazz 2 | Cmaj7 | Cmaj7 | D7 | D7 | Dm7 | G7 | Cmaj7 | G7 | | | | | | | | | 170 |
| 17 | Brush Swing | Fmaj7 | B♭maj7 | Am7 | D7 | Gm7 | Am7 | B♭m7 | E♭7 | | | | | | | | | 56 |
| 18 | Afro-Cuban | Cm | Cm | Cm | Fm | Fm | Cm | Gm | Cm | | | | | | | | | 200 |
| 19 | Bossa Nova | Fmaj7 | Fmaj7 | G7 | G7 | Gm7 | C7 | Fmaj7 | C7 | | | | | | | | | 140 |
| 20 | Salsa | D | A | A7 | D7 | G | D | E7 | A7 | | | | | | | | | 94 |
| 21 | 2-Bars | Cm7 | Gm7 | | | | | | | | | | | | | | | 120 |
| 22 | 4-Bars | A | D | E7 | A | | | | | | | | | | | | | 120 |
| 23 | 8-Bars | G | Gmaj7 | G7 | C | Cm | G | A7 | D7 | | | | | | | | | 120 |
| 24 | 12-Bars | F7 | F7 | F7 | F7 | B♭7 | B♭7 | F7 | F7 | C7 | B♭7 | F7 | C7 | | | | | 120 |
| 25 | 16-Bars | F | B♭ | Am | Dm | B♭ | Am | Gm | C7 | F | B♭ | Am | Dm | Gm | C7 | F | C7 | 120 |
| 26 | 3-Beat 1 | D | Dmaj7 | D7 | G | Gm | D | E7 | A7 | | | | | | | | | 120 |
| 27 | 3-Beat 2 | Am | Dm7 | Gm7 | C7 | A7/G | D7/F♯ | G7/F | C7/E | Am7♭5/E♭ | Dm7 | Gm7♭5/D♭ | C7 | Am7 | D7 | Gm7 | C7 | 120 |

# Internal Song List

| No. | Song name | | Composer |
|-----|-----------|---|----------|
| 1 | Swan-derful Samba | * | John Maul |
| 2 | Amazing Grace | | Traditional |
| 3 | Polonaise op.53 | | Fryderyk Franciszek Chopin |
| 4 | Valse, op.34-1 | | Fryderyk Franciszek Chopin |
| 5 | Nocturne No.20 | | Fryderyk Franciszek Chopin |
| 6 | My Pleasure | * | Masashi Hirashita |
| 7 | La Fille aux Cheveux de Lin | | Claude Achille Debussy |
| 8 | La Campanella | | Franz Liszt |
| 9 | Trio Grande | * | John Maul |
| 10 | Scherzo No.2 | | Fryderyk Franciszek Chopin |
| 11 | Étude, op.10-12 | | Fryderyk Franciszek Chopin |
| 12 | Sonate No.15 | | Wolfgang Amadeus Mozart |
| 13 | Liebesträume 3 | | Franz Liszt |
| 14 | Étude, op.10-3 | | Fryderyk Franciszek Chopin |
| 15 | Je te veux | | Erik Satie |
| 16 | Valse, op.64-1 | | Fryderyk Franciszek Chopin |
| 17 | Golliwog's Cakewalk | | Claude Achille Debussy |
| 18 | Fantaisie-Impromptu | | Fryderyk Franciszek Chopin |
| 19 | Arabesque 1 | | Claude Achille Debussy |
| 20 | An der schönen, blauen Donau | | Johann Strauss, Sohn |
| 21 | Auf Flügeln des Gesanges | | Felix Mendelsshon |
| 22 | Mazurka No.5 | | Fryderyk Franciszek Chopin |
| 23 | Gymnopédie 1 | | Erik Satie |
| 24 | Étude, op.25-1 | | Fryderyk Franciszek Chopin |
| 25 | Clair de Lune | | Claude Achille Debussy |
| 26 | Étude, op.10-5 | | Fryderyk Franciszek Chopin |
| 27 | Dr. Gradus ad Parnassum | | Claude Achille Debussy |
| 28 | Grande Valse Brillante | | Fryderyk Franciszek Chopin |
| 29 | La prière d'une Vierge | | Tekla Badarzewska |
| 30 | Course en Troïka | | Peter Ilyich Tchaikovsky |
| 31 | To The Spring | | Edvard Hagerup Grieg |
| 32 | Valse, op.64-2 | | Fryderyk Franciszek Chopin |
| 33 | Radetzky Marsch | | Johann Baptist Strauss |
| 34 | Träumerei | | Robert Alexander Schumann |
| 35 | Moments Musicaux 3 | | Franz Peter Schubert |
| 36 | Prélude, op.28-15 | | Fryderyk Franciszek Chopin |
| 37 | Harmonious Blacksmith | | Georg Friedrich Händel |
| 38 | Ungarische Tänze 5 | | Johannes Brahms |
| 39 | Türkischer Marsch | | Ludwig van Beethoven |
| 40 | Nocturne No.2 | | Fryderyk Franciszek Chopin |
| 41 | Frühlingslied | | Felix Mendelsshon |
| 42 | Präludium | | Johann Sebastian Bach |
| 43 | Jägerlied | | Felix Mendelsshon |
| 44 | Passepied | | Claude Achille Debussy |
| 45 | Für Elise | | Ludwig van Beethoven |
| 46 | Türkischer Marsch | | Wolfgang Amadeus Mozart |
| 47 | Ständchen | | Franz Peter Schubert |
| 48 | Humoreske | | Antonín Dvořák |
| 49 | Blumenlied | | Gustav Lange |
| 50 | Alpenglöckchen | | Theodor Oesten |
| 51 | Menuett G dur | | Ludwig van Beethoven |
| 52 | Venezianisches Gondellied | | Felix Mendelsshon |
| 53 | Alpenabendröte | | Theodor Oesten |
| 54 | Farewell to the Piano | | Ludwig van Beethoven |
| 55 | Brautchor | | Wilhelm Richard Wagner |

| No. | Song name | | Composer |
|-----|-----------|---|----------|
| 56 | Forget-Me-Not | | Heinrich Lichner |
| 57 | Wiener Marsch | | Carl Czerny |
| 58 | Le Coucou | | Louis Claude Daquin |
| 59 | Menuett G dur | | Johann Sebastian Bach |
| 60 | Spinnerlied | | Albert Ellmenreich |
| 61 | Gavotte | | François Joseph Gossec |
| 62 | Heidenröslein | | Gustav Lange |
| 63 | Zigeuner Tanz | | Heinrich Lichner |
| 64 | La Cinquantaine | | Gabriel Marie |
| 65 | Csikos Post | | Hermann Necke |
| 66 | Dolly's Dreaming Awakening | | Theodor Oesten |
| 67 | La Violette | | Louis Streabbog |
| 68 | Fröhlicher Landmann | | Robert Alexander Schumann |
| 69 | Sonatine op.36-1 | | Muzio Clementi |
| 70 | Sonatine op.20-1 | | Friedrich Kuhlau |
| 71 | Sonatine No.5 | | Ludwig van Beethoven |
| 72 | Late Night Chopin | * | John Maul |
| 73 | Fly Free | * | John Maul |
| 74 | L'éveil de l'amour | * | Masashi Hirashita |
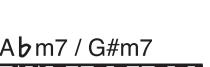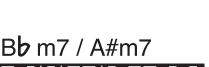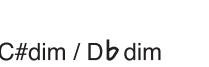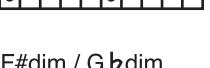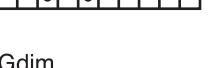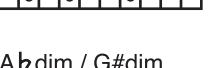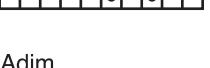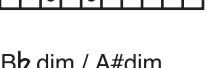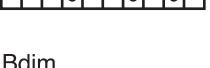
# Chord Fingering List

● symbol:     Indicates the constituent notes of chords.

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

\* "Turning the Rhythm's Chord Progression On/Off (Auto Chord Prog. Sw)" (p. 68)

| C | C# / D♭ | D | E♭ / D# | E | F |
|---|---|---|---|---|---|

| F# / G♭ | G | A♭ / G# | A | B♭ / A# | B |
|---|---|---|---|---|---|

| Cmaj7 | C#maj7 / D♭maj7 | Dmaj7 | E♭maj7 / D#maj7 | Emaj7 | Fmaj7 |
|---|---|---|---|---|---|

| F#maj7 / G♭maj7 | Gmaj7 | A♭maj7 / G#maj7 | Amaj7 | B♭maj7 / A#maj7 | Bmaj7 |
|---|---|---|---|---|---|

| C7 | C#7 / D♭7 | D7 | E♭7 / D#7 | E7 | F7 |
|---|---|---|---|---|---|

| F#7 / G♭7 | G7 | A♭7 / G#7 | A7 | B♭7 / A#7 | B7 |
|---|---|---|---|---|---|

| Cm | C#m / D♭m | Dm | E♭m / D#m | Em | Fm |
|---|---|---|---|---|---|

| F#m / G♭m | Gm | A♭m / G#m | Am | B♭m / A#m | Bm |
|---|---|---|---|---|---|

| Cm7 | C#m7 / D♭m7 | Dm7 | E♭m7/ D#m7 | Em7 | Fm7 |
|---|---|---|---|---|---|

| F#m7 / G♭m7 | Gm7 | A♭m7 / G#m7 | Am7 | B♭m7 / A#m7 | Bm7 |
|---|---|---|---|---|---|

| Cdim | C#dim / D♭dim | Ddim | E♭dim / D#dim | Edim | Fdim |
|---|---|---|---|---|---|

| F#dim / G♭dim | Gdim | A♭dim / G#dim | Adim | B♭dim / A#dim | Bdim |
|---|---|---|---|---|---|

# Registration List

The recommended settings were stored in the instrument when it shipped from the factory.

| No. | Registration name |
|-----|-------------------|
| 1-1 | Piano + Str. |
| 1-2 | Piano+EPiano |
| 1-3 | Gt + Harpvox |
| 1-4 | Winds + Str. |
| 1-5 | Lead + Pad |
| 2-1 | E.Piano / Bs |
| 2-2 | Vib. / BsCym |
| 2-3 | Piano / Pad |
| 2-4 | ChorusGt/Bs |
| 2-5 | Brass / E.Bs |
| 3-1 | Pop Session |
| 3-2 | JazzComboSes |
| 3-3 | R&B Session |
| 3-4 | MamboSession |
| 3-5 | Funk Session |
| 4-1 | PopPno Ses |
| 4-2 | JazzPno Ses1 |
| 4-3 | RockPno Ses |
| 4-4 | LatinPno Ses |
| 4-5 | JazzPno Ses2 |
| 5-1 | BalladEP Ses |
| 5-2 | BossaEP Ses |
| 5-3 | '60sEP Ses |
| 5-4 | JazzEP Ses |
| 5-5 | '70sEP Ses |
| 6-1 | FP REGIST. |
| 6-2 | FP REGIST. |
| 6-3 | FP REGIST. |
| 6-4 | FP REGIST. |
| 6-5 | FP REGIST. |

**MEMO**

Registration from 6-1 to 6-5 include the "Basic Registration." Use this when creating registration from scratch.

# Main Specifications

## FP-7F: Digital Piano

### Keyboard

| | |
|---|---|
| Keyboard | 88 keys (PHA III Ivory Feel-S Keyboard with Escapement) |
| Touch Sensitivity | Touch: 100 levels, Fixed Touch<br>Hammer Response: Off, 1 – 10 |
| Keyboard Mode | Whole<br>Dual (volume balance adjustable)<br>Split (split point adjustable) |

### Sound Generator (conforms to GM2/GS/XGlite)

| | |
|---|---|
| Piano Sound | SuperNATURAL Piano Sound |
| Piano Effects | Open/Close Lid (0 – 6)<br>Cabinet Resonance (Off, 1 – 10)<br>Hammer Noise (-2 – 2)<br>Damper Noise (Off, 1 – 10)<br>Duplex Scale (Off, 1 – 10)<br>Damper Resonance (Off, 1 – 10)<br>String Resonance (Off, 1 – 10)<br>Key Off Resonance (Off, 1 – 10) |
| Max. Polyphony | 128 voices |
| Tone | 351 tones (including 8 drum sets, 1 SFX set) |
| Temperaments | 8 types, selectable temperament key |
| Stretched Tuning | Off<br>Preset<br>User tuning (adjustable in individual notes: -50.0 – +50.0 cent) |
| Master Tuning | 415.3 Hz – 466.2 Hz (adjustable in increments of 0.1 Hz) |
| Transpose | -6 – +5 (in semitones) |
| Effects | Reverb: Off, 1 – 10<br>Only for Organ Tones: Rotary Speaker Effect (Slow, Fast)<br>Only for Microphone input: Harmony (Off, 3 types), Reverb (Off, 1 – 10) |
| Equalizer | 4-band Digital Equalizer |

### Metronome

| | |
|---|---|
| Tempo | Quarter Note= 10 – 500 |
| Beat | 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 |

### Recorder

| | |
|---|---|
| Song | 1 Song |
| Note Storage | Approx. 30,000 notes |
| Tempo | Quarter Note= 10 – 500 |
| Resolution | 120 ticks per quarter note |
| Playable Software | Standard MIDI Files (Format 0/1),<br>Roland Original Format (i-Format) |
| Transpose | -6 – +5 (in semitones) |

### Session Partner

| | |
|---|---|
| Rhythm | 80 types x 2 variations |
| Chord Progression | Automatic or input with keyboard (User Programmable) |

### Audio

| | |
|---|---|
| Playable Software | Audio File (WAV 44.1 kHz / 16-bit Linear Format), Audio CDs (CD-DA) (when using optional CD drive) |
| Audio Playback | Center Cancel<br>Audio Playback Speed: 75 – 125 %<br>Playback Transpose: -6 – +5 (in semitones) |

## Internal Memory

| | |
|---|---|
| Songs | Max. 99 songs |
| Save Song | Standard MIDI Files (Format 0) |

## External Memory

| | |
|---|---|
| External Storage | USB Memory (sold separately) |
| Songs | Max. 999 songs |
| Save Song | Standard MIDI Files (Format 0) |

## Others

| | |
|---|---|
| Internal Songs | 74 songs |
| Display | Graphic LCD 128 x 64 dots |
| Registration | 30 (To Internal Memory: max. 25 sets, To External Memory: max. 99 sets) |
| Other Functions | Looper, Audio Key, Panel Lock, V-LINK, Piano Designer, Tone Demo |
| Connectors | External Memory connector<br>USB (MIDI) connector<br>PEDAL Jacks (DAMPER/R, SOFT/L (FC1)*, SOSTENUTO/C (FC2)*): 1/4-inch phone type (* Assignable)<br>OUTPUT jacks (L/MONO, R): 1/4-inch phone type<br>INPUT jacks (L/MONO, R): 1/4-inch phone type<br>MIX IN jack: Stereo miniature phone type<br>PHONES jack x 2: Stereo 1/4-inch phone type<br>MIDI connectors (IN, OUT)<br>MIC INPUT jack: 1/4-inch phone type<br>DC IN jack |
| Rated Power Output | 12 W x 2 |
| Speakers | 8 x 12 cm, 8 x 12 cm (with speaker box) |
| Volume Level (SPL) | 100 dB<br>* This value was measured according to the method that is based on Roland's technical standard. |
| Control | Volume, Balance, Microphone Volume, LCD Contrast, [SPEAKER] switch |
| Power Supply | DC 12 V (AC Adaptor) |
| Power Consumption | 26 W |
| Dimensions | 1,346 (W) x 369 (D) x 137 (H) mm<br>53 x 14-9/16 x 5-7/16 inches<br><br>1,346 (W) x 396 (D) x 949 (H) mm<br>53 x 15-5/8 x 37-3/8 inches<br>(FP-7F with dedicated stand and music rest) |
| Weight | 24.0 kg / 52 lbs 15 oz<br><br>36.6 kg / 80 lbs 12 oz<br>(FP-7F with dedicated stand and music rest) |
| Accessories | Owner's Manual<br>AC Adaptor<br>Power Cord<br>Music Rest<br>Pedal (capable of continuous detection) |
| Options | Dedicated Stand: KSC-44<br>Damper Pedal: DP series, RPU-3<br>Pedal Switch: DP-2<br>Foot Switch: BOSS FS-5U, FS-6 (1/4-inch TRS phone type jack cannot be used)<br>Expression Pedal: EV-5, EV-7<br>USB Memory<br>CD Drive |

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

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# 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)**
10F. No.18 3 Section Anhuaxili
Chaoyang District Beijing
100011, CHINA
TEL: (010) 6426-5050

**HONG KONG**
**Tom Lee Music**
11/F Silvercord Tower 1
30 Canton Rd
Tsimshatsui, Kowloon,
HONG KONG
TEL: 825-2737-7688

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

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

**INDONESIA**
**PT Citra Intirama**
Jl. Cideng Timur No. 15J-15O
Jakarta Pusat,
INDONESIA
TEL: (021) 6324170

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

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

**VIET NAM**
**VIET THUONG CORPORATION**
386 CACH MANG THANG TAM ST.
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**G.A. Yupangco & Co. Inc.**
339 Gil J. Puyat Avenue
Makati, Metro Manila 1200,
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TEL: (02) 899 9801

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45-1, Block C2, Jalan PJU 1/39,
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**ROLAND TAIWAN ENTERPRISE CO., LTD.**
9F-5, No. 112 Chung Shan
North Road Sec. 2 Taipei 104,
TAIWAN R.O.C.
TEL: (02) 2561 3339

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

## OCEANIA

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

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

## CENTRAL/LATIN AMERICA

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

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

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

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