



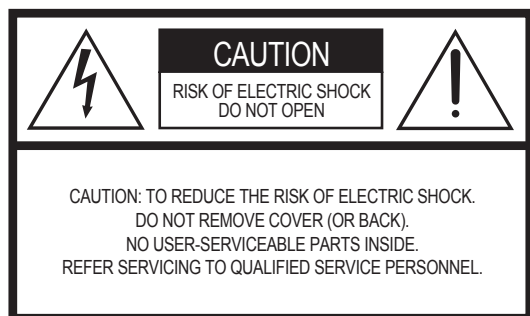
# *CP5 / CP50*

STAGE PIANO

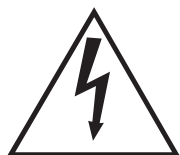
Owner's Manual

# SPECIAL MESSAGE SECTION (for CP5)

**PRODUCT SAFETY MARKINGS:** Yamaha electronic products may have either labels similar to the graphics shown below or molded/stamped facsimiles of these graphics on the enclosure. The explanation of these graphics appears on this page. Please observe all cautions indicated on this page and those indicated in the safety instruction section.



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



The lightning flash with arrowhead symbol, within the equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.

**IMPORTANT NOTICE:** All Yamaha electronic products are tested and approved by an independent safety testing laboratory in order that you may be sure that when it is properly installed and used in its normal and customary manner, all foreseeable risks have been eliminated. **DO NOT** modify this unit or commission others to do so unless specifically authorized by Yamaha. Product performance and/or safety standards may be diminished. Claims filed under the expressed warranty may be denied if the unit is/has been modified. Implied warranties may also be affected.

**SPECIFICATIONS SUBJECT TO CHANGE:** The information contained in this manual is believed to be correct at the time of printing. However, Yamaha reserves the right to change or modify any of the specifications without notice or obligation to update existing units.

**ENVIRONMENTAL ISSUES:** Yamaha strives to produce products that are both user safe and environmentally friendly. We sincerely believe that our products and the production methods used to produce them, meet these goals. In keeping with both the letter and the spirit of the law, we want you to be aware of the following:

**Battery Notice:** This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement.

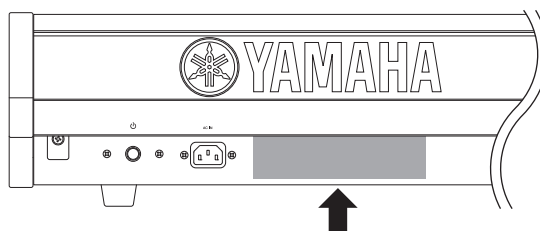
**Warning:** Do not attempt to recharge, disassemble, or incinerate this type of battery. Keep all batteries away from children. Dispose of used batteries promptly and as regulated by applicable laws.

**Note:** In some areas, the servicer is required by law to return the defective parts. However, you do have the option of having the servicer dispose of these parts for you.

**Disposal Notice:** Should this product become damaged beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc.

**NOTICE:** Service charges incurred due to lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer’s warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service.

**NAME PLATE LOCATION:** The graphic below indicates the location of the name plate. The model number, serial number, power requirements, etc., are located on this plate. You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase.



**Model** \_\_\_\_\_

**Serial No.** \_\_\_\_\_

**Purchase Date** \_\_\_\_\_

# SPECIAL MESSAGE SECTION (for CP50)

This product utilizes batteries or an external power supply (adapter). DO NOT connect this product to any power supply or adapter other than one described in the manual, on the name plate, or specifically recommended by Yamaha.

This product should be used only with the components supplied or; a cart, rack, or stand that is recommended by Yamaha. If a cart, etc., is used, please observe all safety markings and instructions that accompany the accessory product.

## SPECIFICATIONS SUBJECT TO CHANGE:

The information contained in this manual is believed to be correct at the time of printing. However, Yamaha reserves the right to change or modify any of the specifications without notice or obligation to update existing units.

This product, either alone or in combination with an amplifier and headphones or speaker/s, may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate for long periods of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

IMPORTANT: The louder the sound, the shorter the time period before damage occurs.

## NOTICE:

Service charges incurred due to a lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service.

## ENVIRONMENTAL ISSUES:

Yamaha strives to produce products that are both user safe and environmentally friendly. We sincerely believe that our products and the production methods used to produce them, meet these goals. In keeping with both the letter and the spirit of the law, we want you to be aware of the following:

### Battery Notice:

This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement.

This product may also use "household" type batteries. Some of these may be rechargeable. Make sure that the battery being charged is a rechargeable type and that the charger is intended for the battery being charged.

When installing batteries, do not mix batteries with new, or with batteries of a different type. Batteries MUST be installed correctly. Mismatches or incorrect installation may result in overheating and battery case rupture.

### Warning:

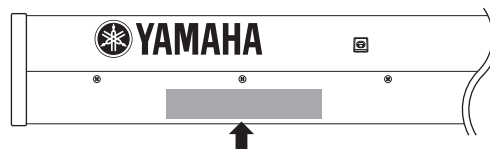
Do not attempt to disassemble, or incinerate any battery. Keep all batteries away from children. Dispose of used batteries promptly and as regulated by the laws in your area. Note: Check with any retailer of household type batteries in your area for battery disposal information.

### Disposal Notice:

Should this product become damaged beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc. If your dealer is unable to assist you, please contact Yamaha directly.

## NAME PLATE LOCATION:

The name plate is located on the rear of the product. The model number, serial number, power requirements, etc., are located on this plate. You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase.



Model

Serial No.

Purchase Date

92-BP (rear)

# PLEASE KEEP THIS MANUAL

# IMPORTANT SAFETY INSTRUCTIONS (for CP5)

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



## WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

(UL60065\_03)

# PRECAUTIONS

## PLEASE READ CAREFULLY BEFORE PROCEEDING

\* Please keep this manual in a safe place for future reference.



### WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

#### Power supply/Power cord (CP5)

#### Power supply/AC power adaptor (CP50)

- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use the specified adaptor (page 62) only on the CP50. Using the wrong adaptor can result in damage to the instrument or overheating.
- Use only the supplied power cord/plug on the CP5.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.
- Be sure to connect to an appropriate outlet with a protective grounding connection on the CP5. Improper grounding can result in electrical shock.

#### Do not open

- This instrument contains no user-serviceable parts. Do not open the instrument or attempt to disassemble or modify the internal components in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

#### Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings. If any liquid such as water seeps into the instrument, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.
- Never insert or remove an electric plug with wet hands.

#### Fire warning

- Do not put burning items, such as candles, on the unit. A burning item may fall over and cause a fire.

#### If you notice any abnormality

- When one of the following problems occur, immediately turn off the power switch and disconnect the electric plug from the outlet. Then have the device inspected by Yamaha service personnel.
  - The power cord or plug becomes frayed or damaged.
  - It emits unusual smells or smoke.
  - Some object has been dropped into the instrument.
  - There is a sudden loss of sound during use of the instrument.



### CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the instrument or other property. These precautions include, but are not limited to, the following:

#### Power supply/Power cord (CP5)

#### Power supply/AC power adaptor (CP50)

- Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.
- Always connect the three-pin attachment plug to a properly grounded power source on the CP5. (For more information about the main power supply, see page 14)
- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.
- Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms.

#### Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- Before moving the instrument, remove all connected cables.
- When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet. Even when the power switch is turned off, electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.

## Connections

- Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum.
- Be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

## Handling caution

- Do not insert a finger or hand in any gaps on the instrument.
- Never insert or drop paper, metallic, or other objects into the gaps on the panel or keyboard.
- Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches or connectors.
- Do not use the instrument/device or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the instrument, or data that is lost or destroyed.

Always turn the power off when the instrument is not in use.

## NOTICE

To avoid the possibility of damage to the product, data or other property, follow the notices below.

### ■ Handling and Maintenance

- Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the instrument, TV, or radio may generate noise.
- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.
- When cleaning the instrument, use a soft, cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.
- During extreme changes in temperature or humidity, condensation may occur and water may collect on the surface of the instrument. If water is left, the wooden parts may absorb the water and be damaged. Make sure to wipe any water off immediately with a soft cloth.

### ■ Saving data

- The data in the instrument's Edit Buffer (see page 49) will be lost when it is turned off. If you wish to keep settings you have made within the Edit Buffer for use later on, therefore, be sure to store them in User Memory (see page 49) or save them externally on a USB flash-memory device, a computer, or the like. It should also be noted that data stored in User Memory can also be lost if the CP5 or CP50 is damaged or used incorrectly. Accordingly, it is wise to make a copy of important data on an external memory device.
- To protect against data loss through media damage, we recommend that you save your important data onto two USB flash memory/external media.

## Information

### ■ About copyrights

- Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.
- This product incorporates and bundles computer programs and contents in which Yamaha owns copyrights or with respect to which it has license to use others' copyrights. Such copyrighted materials include, without limitation, all computer software, style files, MIDI files, WAVE data, musical scores and sound recordings. Any unauthorized use of such programs and contents outside of personal use is not permitted under relevant laws. Any violation of copyright has legal consequences. DON'T MAKE, DISTRIBUTE OR USE ILLEGAL COPIES.

### ■ About functions/data bundled with the instrument

- This device is capable of using various types/formats of music data by optimizing them to the proper format music data for use with the device in advance. As a result, this device may not play them back precisely as their producers or composers originally intended.

### ■ About this manual

- The illustrations and screens as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your instrument.
- In cases where no significant difference exists between CP5 and CP50 diagrams and screen images, those corresponding to the CP5 will be shown within this Owner's Manual.
- Windows is a registered trademark of Microsoft® Corporation in the United States and other countries.
- Apple, Mac and Macintosh are trademarks of Apple Inc., registered in the U.S. and other countries.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

## Welcome

Thank you for choosing the Yamaha CP5 or CP50 Stage Piano. This stage piano features a rich spectrum of piano voices, amplifier simulators, and effectors that faithfully reproduce the characteristics of classic instruments, and by combining these building blocks in whatever way you desire, you can easily create a vast range of piano sounds — from the standard to the truly original — with this one single instrument. Furthermore, your CP5 or CP50 also comes complete with many other voices, such as strings and guitars, and these can be combined with piano voices to produce original ensemble sounds. Whether put to use in a live or studio setting, your stage piano will open up a whole new world of sonic possibilities. In order that you can take full advantage of the advanced, highly-convenient functions that the CP5 and CP50 have to offer, we strongly recommend that you read this *Owner's Manual* carefully. In addition, please keep this booklet in a safe place so that you can refer back to it whenever needed.

## Package Contents

- Power cord (CP5) / Power adaptor (CP50)\*<sup>1</sup>
- FC3 foot pedal
- Owner's Manual (this booklet)
- Owner's Manual CD-ROM (containing the *Reference Manual* and *Data List* documents)
- DVD-ROM (containing bundled DAW software)\*<sup>2</sup>

\*1: May not be included in your area. Please check with your Yamaha dealer.

\*2: For details regarding the above DVD-ROM, please refer to page 59.

## Reference Guides

Your CP5 or CP50 stage piano comes with three different reference guides — the *Owner's Manual* (this document), the *Reference Manual*, and the *Data List*. While this *Owner's Manual* is packaged together with the stage piano as a hardcopy booklet, the *Reference Manual* and the *Data List* are provided as pdf documents on the bundled CD-ROM.

### ■ *Owner's Manual* (this booklet)

This *Owner's Manual* describes how to set up your CP5 or CP50 and how to perform basic operations.

### ■ *Reference Manual* (pdf document)

The *Reference Manual* describes the internal design of your CP5 or CP50 and the various parameters that can be adjusted and set.

### ■ *Data List* (pdf document)

The *Data List* document provides a list of all CP5 or CP50 presets (referred to as Performances); a breakdown of the types of Modulation Effect and Power-Amplifier / Compressor blocks available for selection; a list of the parameters that can be set for each of these blocks; and MIDI-related reference material.

### Using PDF Manuals

The *Reference Manual* and *Data List* are provided with your CP5 or CP50 in the form of pdf documents. As such, a computer and suitable software will be required in order to read them. We recommend that Adobe® Reader® be used for this purpose as it allows you to quickly and easily search for keywords, to print out specific sections, and to conveniently jump from page to page by clicking embedded links. Keyword searching and link-based navigation in particular are extremely useful functions available only with digital-type documents.

The most-recent version of Adobe® Reader® can be downloaded from the following web page.  
<http://www.adobe.com/products/reader/>

### About the latest Firmware Version

Yamaha may from time to time update firmware of the product and the other associated software without notice for improvement. We recommend that you check our web site for later releases and upgrade your firmware of the CP5/50 or the associated software.

<http://www.yamahasyth.com/>

Note that the explanations in this Owner's Manual apply to the version of firmware when this Owner's Manual was produced. For details about the additional functions due to later releases, refer to the above website.

## Principal Features of the CP5 & CP50

### ■ Authentic acoustic- and electric-piano sounds of unparalleled quality

Your CP5 or CP50 is packed with stunning acoustic- and electric-piano sounds based on voices from Yamaha's acclaimed CP1 Stage Piano. Building on our decades of accomplishment in the production of stage pianos, we have delicately adjusted the sound of each individual key, realized perfect balance over the full length of the keyboard, and created full-bodied piano tones ideal for solo performances and ever-present sounds well suited for playing within an ensemble. Furthermore, by analyzing and replicating the sound-producing mechanisms of classic electric pianos using cutting-edge technologies, we have been able to achieve an extremely smooth response in the CP5 and CP50 keyboards. And through the modeling both of original pre-amplifiers and of external effectors responsible for the rich variety of tones indispensable to quality sound production, we have faithfully reproduced many electric piano sounds now regarded as classics.

### ■ Wealth of voices and effects for greater flexibility in live performances

In addition to piano voices, your CP5 or CP50 also offers a diverse selection of other musical instruments, such as strings, guitar, and bass. And with many versatile effects such as choruses and flangers also built-in, you can easily create a rich tapestry of different sounds for your stage performances.

### ■ Weighted hammer-action, 88-key keyboards that feel just like the real thing

Featuring synthetic ivory keytops, the CP5's 88-key wooden keyboard effortlessly reproduces the feel of acoustic and classic electric pianos; meanwhile, the weighted hammer-action design employed by the CP50's 88-key keyboard is virtually indistinguishable from an actual piano.

### ■ Customize function for totally original piano sounds

Allowing you to freely build your own acoustic and electric pianos from a rich selection of voices, amplifiers, and effectors, the Customize function makes easy work of recreating standard vintage settings or realizing unique new sounds.

### ■ Extremely simple overlaying and division of keyboard zones

Using your stage piano's layering and splitting functions, you can easily layer the various parts that make up each Performance or assign them to specific left-hand and right-hand zones.

### ■ Record and playback functions for MIDI and audio

Your CP5 or CP50 can record keyboard performances as MIDI data and store them internally for playback whenever required; alternatively, you can also record these performances as audio data on a USB flash-memory device. What's more, these and other Wave files from a USB flash-memory device can also be played back as backing tracks for your performances.

### ■ Convenient master-keyboard function

Using your stage piano's master-keyboard function, which has been specially crafted for use in live-performance settings, up to four virtual zones can be setup along the keyboard and assigned to four different tone generators, including other MIDI instruments.

### ■ Microphone input also supported (CP5 only)

Also fitted with a [MIC INPUT] jack for direct connection of a microphone, the CP5 is ideal those who like to sing and play at the same time.



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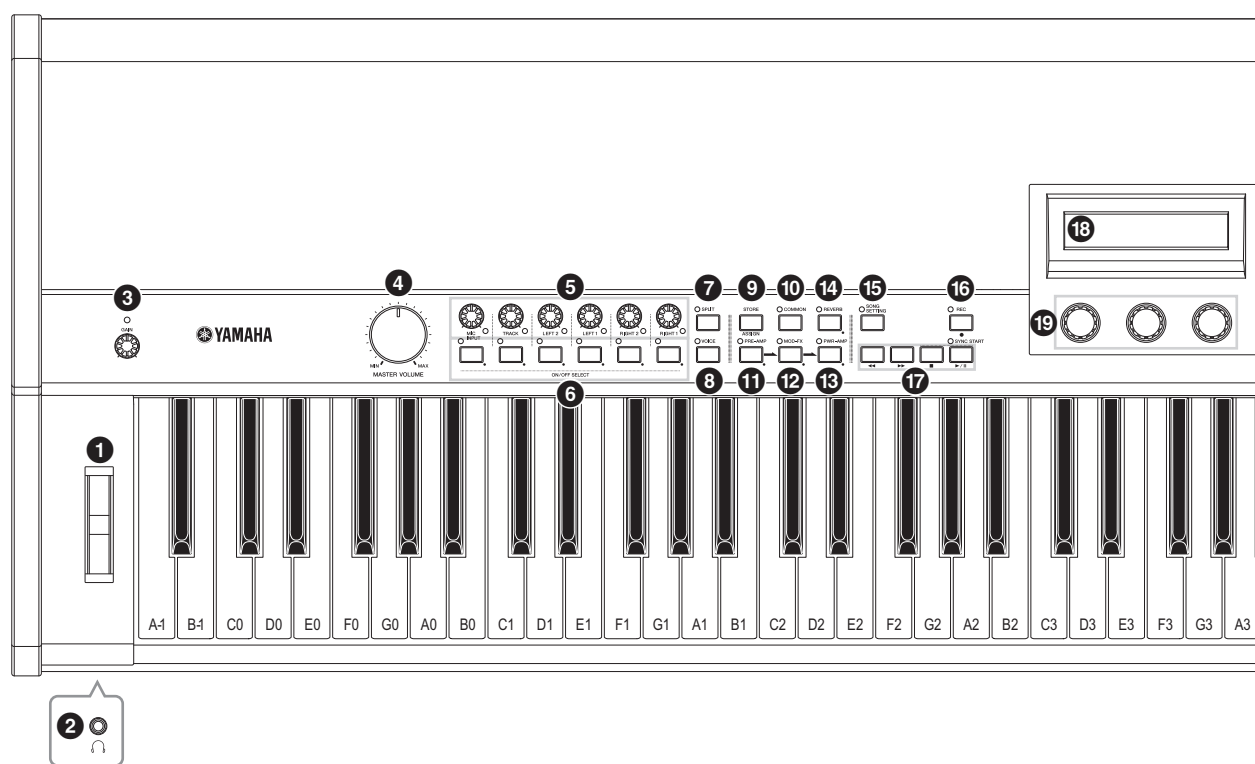


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# Component Names & Functions

## Control Panel

(Diagram shows CP5)



### 1 Pitch bend wheel (page 30)

Use this controller to temporarily shift the pitch of notes upward or downward.

### 2 Headphones jack (page 15)

Use this standard audio jack to connect a pair of stereo headphones.

### 3 [GAIN] knob (page 40) **CP5 only**

Turn this knob to adjust the input gain for audio signals coming from the CP5's [MIC INPUT] jack. This type of adjustment may be necessary as different microphones output signals at a wide range of volumes. Increase the gain by rotating the knob clockwise, and decrease it by rotating the knob counter-clockwise.

### 4 [MASTER VOLUME] dial (page 17)

Turn this dial to adjust the overall volume of the stage piano.

### 5 Part Volume knobs

Use these knobs to set the individual volumes of the various parts making up the currently selected Performance (page 22). Increase the part volume by rotating its knob clockwise, and decrease it by rotating the knob counter-clockwise. The lamp to the bottom-right of each knob lights up whenever the corresponding part is selected. From left to right, the Part Volume knobs on the CP5 are labeled [MIC INPUT], [TRACK], [LEFT2], [LEFT1], [RIGHT2], and [RIGHT1]. On the CP50, meanwhile, these knobs are labeled [TRACK], [LEFT], and [RIGHT].

### 6 Part buttons

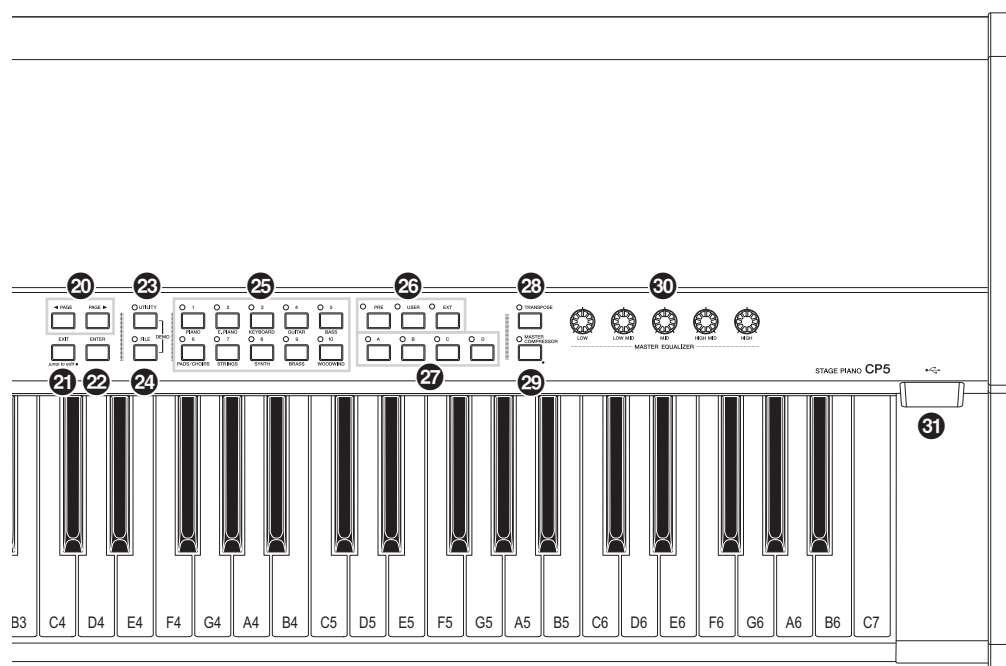
Press these buttons to toggle the various parts making up the currently selected Performance on or off as required. The lamp to the top-left of each Part button lights up whenever the corresponding part is turned on. Furthermore, if you press and hold one of these buttons (for at least one second), the corresponding part will be selected, its parameter setting screen will be displayed, and its lamp will start to flash. Even if a part's parameter setting screen is being displayed, it can still be toggled on and off by pressing the corresponding Part button. It should be noted that these lamps will flash in one of two different ways to indicate whether the part is on or off; specifically, the lamp stays lit longer when the part is on, and it stays off longer when the part is off. From left to right, the Part buttons on the CP5 are labeled [MIC INPUT], [TRACK], [LEFT2], [LEFT1], [RIGHT2], and [RIGHT1]. On the CP50, meanwhile, these buttons are labeled [TRACK], [LEFT], and [RIGHT].

### 7 [SPLIT] button (page 32)

Press this button to toggle the splitting of Performance zones on and off. The lamp to the top-left of the button lights up whenever splitting is turned on. The same operation can be performed using the Split parameter from the Common Settings screen.

### 8 [VOICE] button (page 33)

Press this button to open the parameter setting screen for the currently selected part's Voice block. The lamp to the top-left of the button lights up whenever this screen is being displayed.



## 9 [STORE/ASSIGN] button (pages 28, 50)

Press this button to call up a screen for storing Performances and system settings. In addition, by pressing and holding the [STORE/ASSIGN] button (for at least one second) within the Performance screen or a parameter setting screen (for any block other than the Master Equalizer or Master Compressor), you can call up a screen for directly assigning each of the Knobs 1 to 3 (see 19 below) to block parameters.

## 10 [COMMON] button (page 35)

Press this button to open the parameter setting screen for the Common Settings area, which affects each of the left and right parts in the same way. The lamp to the top-left of the button lights up whenever this screen is being displayed.

## 11 [PRE-AMP] button (pages 31, 34)

## 12 [MOD-FX] button (pages 31, 34)

## 13 [PWR-AMP] button (pages 31, 34) CP5 only

## 14 [REVERB] button (pages 31, 35)

Press these buttons to toggle on and off the Pre-Amplifier block, Modulation Effect block, or Power-Amplifier / Compressor block (CP5 only) for currently-selected part or the Reverb block. The lamp to the top-left of each button lights up whenever the corresponding block is turned on. It should be noted, however, that the Pre-Amplifier block has an effect on the sound only if a voice from the PIANO or E.PIANO category has been selected for the part in question. Furthermore, if you press and hold one of these buttons (for at least one second), the parameter setting screen for the corresponding block will be displayed, and

the lamp to the top-left of the button will start to flash. Even if a block's parameter setting screen is being displayed, it can still be toggled on and off by pressing the corresponding button. It should be noted that these lamps will flash in one of two different ways to indicate whether the block is on or off; specifically, the lamp stays lit longer when the block is on, and it stays off longer when the block is off.

## 15 [SONG SETTING] button (page 37)

Press this button to open the Song Setting screen. The lamp to the top-left of the button lights up whenever this screen is being displayed.

## 16 [REC] button (page 41)

Press this button to open the Record screen. The lamp to the top-left of the button lights up whenever this screen is being displayed.

## 17 Sequencer Transport buttons (pages 37, 42)

Use these buttons to control the recording and playback of backing tracks.

### [◀◀] (Rewind) button

Whenever you are using a Preset Drum Pattern or a User Song as the backing track, pressing this button will move the play position back by one measure at a time. Alternatively, if you are using a Wave file as the backing track, pressing this button will move the play position back by one second at a time. Press and hold the button to rewind continuously.

## Control Panel

### [▶▶] (Fast Forward) button

Whenever you are using a Preset Drum Pattern or a User Song as the backing track, pressing this button will move the play position forward by one measure at a time. Alternatively, if you are using a Wave file as the backing track, pressing this button will move the play position forward by one second at a time. Press and hold the button to fast-forward continuously.

### [■] (Stop) button

This button is used to stop recording or playback.

### [▶/||] (Play / Pause) button

This button is used to start recording or playback. In addition, if playback is underway, this button can be pressed to pause it. Pressing this button when recording is underway ends the recording.

## 18 Display

Using the display, you can confirm system messages, set parameters, and perform a range of other operations.

## 19 Knobs 1 to 3 (page 27)

Numbered 1 to 3 from left to right, these knobs can be turned to control the parameters assigned to them. On each different parameter setting page, furthermore, a different set of parameters or operations is assigned to the knobs, and they can be turned or pressed to set the parameters or perform the operations.

## 20 [◀PAGE] and [PAGE▶] buttons (page 19)

Press these left and right buttons within a parameter setting screen that comprises a number of different pages in order to navigate between them.

## 21 [EXIT/jump to edit] button (pages 21, 34)

Press this button to return to the Performance screen from the parameter setting screen for the currently selected block (page 31), from the Utility screen, or from the File screen. Furthermore, by pressing the [PRE-AMP] button, the [MOD-FX] button, the [PWR-AMP] button, the [REVERB] button, the [MASTER COMPRESSOR] button, or a part button while holding down the [EXIT/jump to edit] button, you can jump directly to the corresponding parameter setting screen. You can also press the [STORE/ASSIGN] button while holding down the [EXIT/jump to edit] button to call up the screen for assigning parameters to Knobs 1 to 3.

## 22 [ENTER] button

Press this button to register settings and perform a range of other operations.

## 23 [UTILITY] button

Press this button to call up the Utility screen. The lamp to the top-left of the button lights up whenever this screen is being displayed. In addition, you can hold down the [UTILITY] button and press the [FILE] button (or vice versa) to open the Demo Song screen.

## 24 [FILE] button (page 52)

Press this button to call up the File screen.

## 25 Number buttons [1] to [10]

Press the Number buttons to select different Performances within the currently-selected memory bank. The number of the currently selected Performance is indicated by lighting of the lamp to the top-left of the corresponding button. When this lamp flashes, meanwhile, it will indicate that selection of a new Performance has started but not yet been completed. Furthermore, whenever a parameter setting screen

comprising a number of different pages is displayed, the Number buttons can also be used to jump quickly to the corresponding page. At this time, the currently selected page is indicated by flashing of the lamp to the top-left of the corresponding button.

## 26 Bank buttons

Press the [PRE], [USER], or [EXT] button to select the Preset Performance memory area, the User Performance memory area, or an External Performance memory area, respectively. Each of these areas comprises three individual memory banks — for example, PRE1, PRE2, and PRE3 in the case of the Preset Performance memory area. You can select these banks by pressing the corresponding button ([PRE], [USER], or [EXT]) as many times as required. Furthermore, you can also jump directly to the first bank in the selected area — namely, PRE1, USR1, or EXT1 — by holding down the [EXIT] button and pressing the corresponding Bank button. When the lamp to the top-left of a Bank button flashes, it will indicate that selection of a new Performance has started but not yet been completed.

## 27 Group buttons [A] to [D]

Press the [A], [B], [C], or [D] button to select the corresponding group within the current Performance memory bank. When the lamp to the top-left of a Group button flashes, it will indicate that selection of a new Performance has started but not yet been completed. Furthermore, whenever a parameter setting screen comprising a number of different pages is displayed, the Group buttons can also be used to jump quickly to the corresponding page. At this time, the currently selected page is indicated by flashing of the lamp to the top-left of the corresponding button.

## 28 [TRANPOSE] button (page 30)

Press this button to call up the Transpose screen. The lamp to the top-left of the button lights up whenever this screen is being displayed.

## 29 [MASTER COMPRESSOR] button (pages 30, 31, 36)

Press this button to toggle the Master Compressor on and off. The lamp to the top-left of the button lights up whenever this block is activated. Furthermore, if you press and hold this button (for at least one second), the Master Compressor's parameter setting screen will be displayed, and the lamp will begin to flash. Even if this parameter setting screen is being displayed, the Master Compressor can still be toggled on and off by pressing the button. It should be noted that the [MASTER COMPRESSOR] button's lamp will flash in one of two different ways to indicate whether the block is on or off; specifically, the lamp stays lit longer when the block is on, and it stays off longer when the block is off.

## 30 [MASTER EQUALIZER] knobs (page 30)

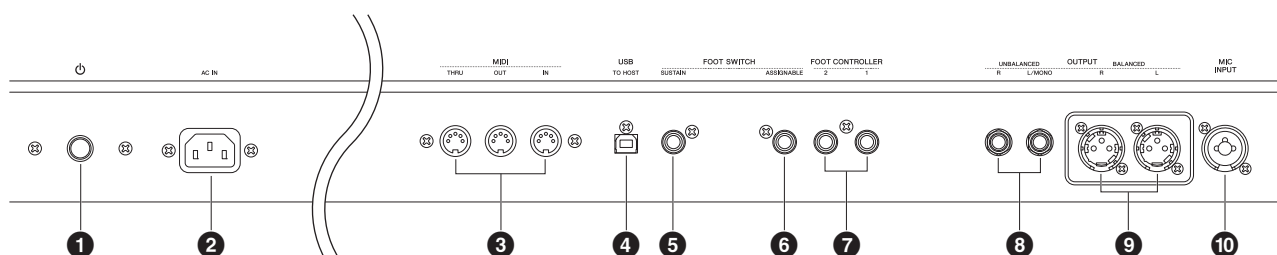
Turn these knobs to adjust the tone of all sound output by your CP5 or CP50. The CP5 features five knobs for adjusting the gain in individual frequency bands — namely, the [LOW], [LOW MID], [MID], [HIGH MID], and [HIGH] knobs. Meanwhile, the CP50 has three such knobs — [LOW], [MID], and [HIGH]. The same adjustments can be performed using the corresponding parameters from the Utility screen. (See the *Reference Manual* pdf document for more details.)

## 31 USB TO DEVICE port (page 25) **CP5 only**

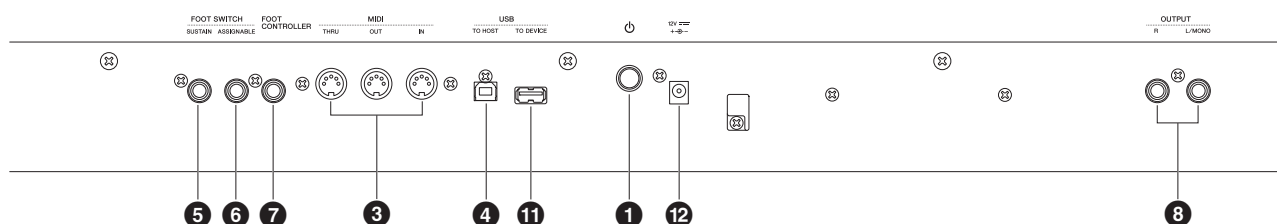
USB flash-memory devices can be plugged into the CP5 via this port.

# Rear Panel

## CP5



## CP50



### 1 ⏻ switch (page 16)

On the CP5, this button is known as the Power switch, and it is used to turn the stage piano on (⏻) and off (⏻). On the CP50, it is known as the Standby/On switch, and it is used to set the stage piano to on (⏻) or Standby mode (⏻).

### 2 [AC IN] socket (page 14) **CP5 only**

Use this socket to connect the power cord. Note that only the power cord provided with the CP5 should be used to supply power.

### 3 [MIDI IN], [OUT], and [THRU] connectors (page 45)

Use the three MIDI connectors to link up your CP5 or CP50 with other MIDI devices.

### 4 [USB TO HOST] port (page 46)

Use this port to connect your CP5 or CP50 to a computer using a USB cable.

### 5 [SUSTAIN] foot-switch jack (pages 16, 29)

An optional FC3 foot pedal or an optional FC4 or FC5 foot switch can be connected via the [SUSTAIN] foot-switch jack for use as a dedicated sustain pedal.

### 6 [ASSIGNABLE] foot-switch jack (pages 16, 29)

Use this jack to connect an optional FC4 or FC5 foot switch in order to perform a range of freely assignable functions.

### 7 Foot-controller jack(s) (page 16)

Use the foot-controller jack(s) to connect an optional FC7 or FC9 foot controller in order to perform a range of freely assignable functions. Note that the CP5 features a pair of foot-controller jacks, which are labeled [1] and [2], while the CP50 has single such jack labeled [FOOT CONTROLLER].

### 8 Unbalanced [L/MONO] and [R] output jacks (page 15)

These two 1/4" mono phone jacks are used to output unbalanced stereo signals. Alternatively, if mono output is required, only the [L/MONO] jack should be connected. Each connector's nominal output level is +4 dBu.

### 9 Balanced [L] and [R] output connectors (page 15) **CP5 only**

These XLR-type connectors are used to output balanced stereo signals to mixers and other similar devices. This type of connector protects signals from interference and has an extremely sturdy design. It also features a locking mechanism to prevent cables from being accidentally disconnected. Accordingly, the XLR connector is regularly used in professional environments that demand a high level of reliability. Each connector's nominal output level is +4 dBu.

### 10 [MIC INPUT] jack (page 40) **CP5 only**

Use this combo jack\* to input audio into the CP5. With a microphone plugged into this jack, you can use the MIC INPUT part (page 22) from the currently selected Performance to process your vocals. (\*: Combo jacks can accept both XLR and 1/4" phone plugs.)

### 11 [USB TO DEVICE] port (page 25) **CP50 only**

USB flash-memory devices can be plugged into the CP50 via this port.

### 12 DC IN connector (page 14) **CP50 only**

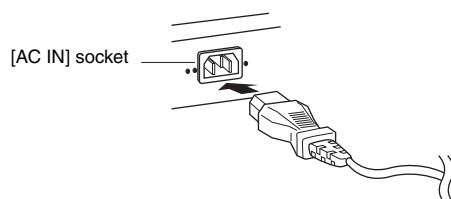
Use this connector for the CP50's bundled power adaptor.

# Setting Up

## Connecting Power

### CP5 Stage Piano:

- 1 Ensure that the ⏻ (Power) switch on the rear panel is set to the Off position.
- 2 Insert the appliance end of the bundled power cord into the [AC IN] socket, also on the rear panel.
- 3 Plug the other end of the power cord into a domestic-use, AC wall socket.



**NOTE** Carry out this procedure in reverse order when disconnecting the power cord.

#### ⚠ WARNING

Use only the AC power cord supplied with the CP5. The use of an inappropriate replacement can pose a fire and shock hazard!

#### ⚠ CAUTION

Make sure your CP5 meets the voltage requirement for the country or region in which it is being used. The power cord includes a grounding pin to prevent electrical shock and damage to equipment. When connecting to an outlet, connect the adaptor's ground lead to the ground screw. If you're unsure how to connect, then contact your Yamaha dealer or service center.

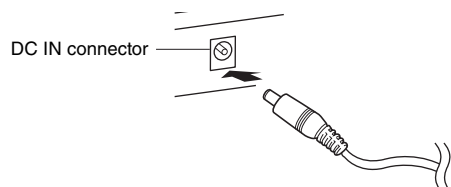
#### ⚠ CAUTION

Even when the switch is in the OFF position, a small amount of electricity is still flowing to the unit. When you are not using the CP5 for a long time, make sure to unplug the AC power adaptor from the wall AC outlet.

### CP50 Stage Piano:

Connect the power adaptor that came with your CP50 as described below. Before doing so, ensure that the ⏻ (Standby/On) switch is set to the Standby position.

- 1 Insert the power-adaptor plug into the DC IN connector on the CP50's rear panel.
- 2 Plug the power adaptor into a suitable AC wall socket.



**NOTE** Carry out this procedure in reverse order when disconnecting the power adaptor.

#### ⚠ WARNING

Use the specified adaptor (page 62) only on the CP50. Using the wrong adaptor can result in damage to the instrument or overheating.

#### ⚠ WARNING

Make sure your CP50 is rated for the AC voltage supplied in the area in which it is to be used (as listed on the rear panel). Connecting the unit to the wrong AC supply can cause serious damage to the internal circuitry and may even pose a shock hazard!

#### ⚠ CAUTION

Even when the Standby/On switch is in the "Standby" position, electricity is still flowing to the instrument at the minimum level. When you are not using the instrument for a long time, make sure you unplug the power cord from the wall AC outlet.

# Connecting Audio Equipment

Your CP5 or CP50 does not come with built-in speakers. In order to hear what you play, therefore, you will need to connect it to a stereo system or to an amplifier and speakers. You can also plug a set of headphones into the headphones jack in order to monitor the sound directly. External audio equipment can be connected in a number of different ways, some of which are described below. Based on the diagrams shown, choose the connection format most suited to your setup.

## CAUTION

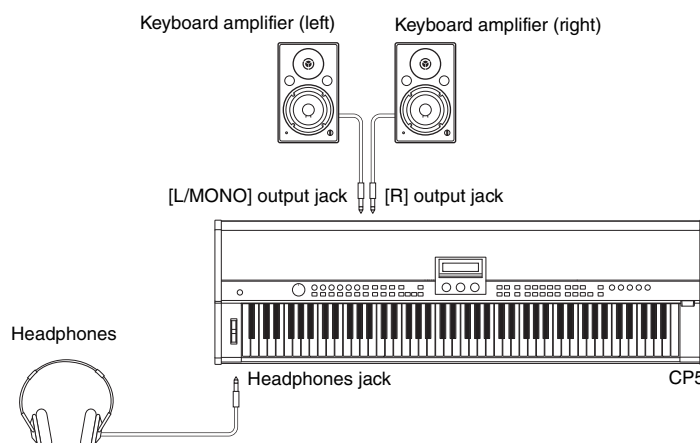
To prevent hearing loss, avoid using headphones at high volumes for extended periods of time.

## NOTICE

Whenever connecting external audio equipment, ensure that the volume on all devices is turned fully down.

## Output via Amplifiers or Powered Speakers

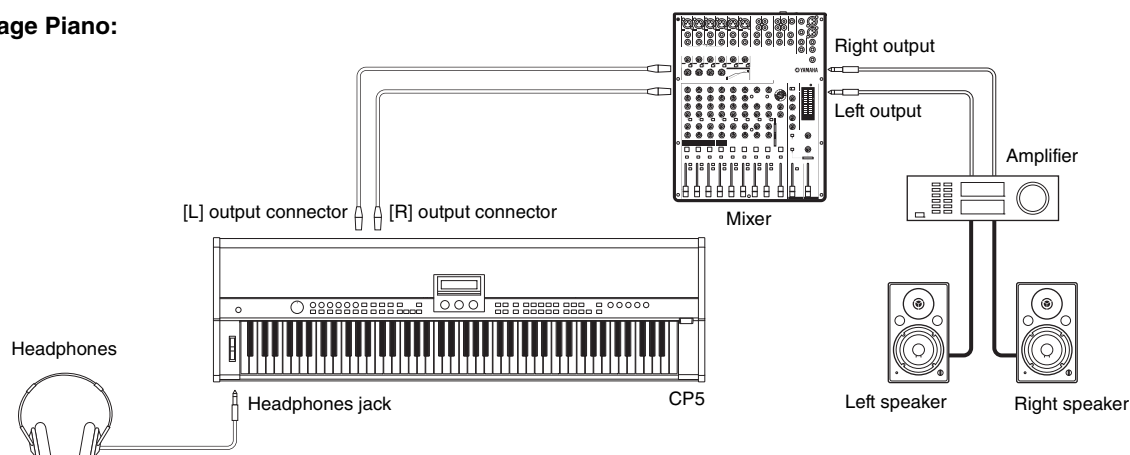
Using a pair of keyboard amplifiers or powered speakers, you can accurately reproduce the full richness of CP5 or CP50 sounds, including pan and other widening effects. In this type of situation, connections to the amplifiers or speakers should be made via the unbalanced [L/MONO] and [R] output jacks on the rear panel. If you would prefer to monitor your playing using a single keyboard amplifier or powered speaker, the unbalanced [L/MONO] output jack should be used.



## Output via a Mixer

It is commonplace for mixers to be connected to stage pianos used in recording and live performance environments. In addition to the unbalanced jacks mentioned above, the CP5 also features a pair of professional-use, balanced XLR connectors that prevent unwanted noise from entering output signals. When connecting a mixer, we recommend that these balanced [L] and [R] output connectors be used. As the CP50 does not feature balanced output connectors, the unbalanced [L/MONO] and [R] output jacks should be used in such a case.

### CP5 Stage Piano:

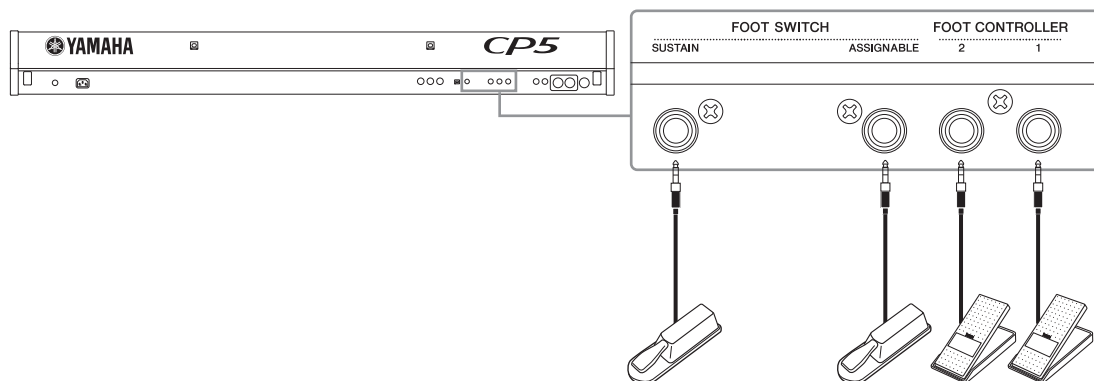


- NOTE**
- The sound output via the headphones is identical to that output via the unbalanced [L/MONO] and [R] output jacks or the balanced [L] and [R] output connectors. Accordingly, you can use the [MASTER VOLUME] dial on the stage piano's control panel to adjust the volume of both external audio equipment and the headphones.
  - Plugging in or disconnecting a set of headphones has no effect on the sound being output via the unbalanced [L/MONO] and [R] output jacks and the balanced [L] and [R] output connectors.




### Connecting Pedals

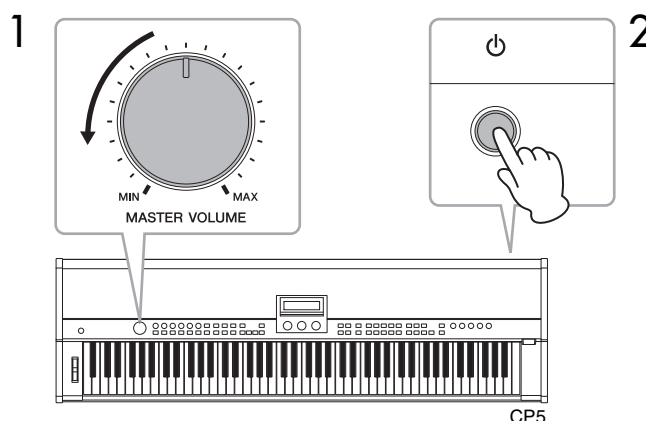
The FC3 foot pedal that comes with your CP5 or CP50 is connected via the [SUSTAIN] foot-switch jack located on the rear panel. In order to intuitively control a range of different parameters, furthermore, an optional FC4 or FC5 foot switch can also be connected via the [ASSIGNABLE] foot-switch jack, and optional FC7 or FC9 foot controllers can be connected via the [1] and [2] foot-controller jacks (or in the case of the CP50, via the [FOOT CONTROLLER] jack). For details on how to assign parameters to these foot switches and controllers, see the description concerning the Common Settings screen. (See the *Reference Manual* pdf document for more details.)




**NOTE** The [SUSTAIN] foot-switch jack can also be used to connect an optional FC4 or FC5 foot switch.

### Turning on the Stage Piano

- 1 After you have made all of the required connections as described above with your CP5 or CP50 turned off or in Standby (■) mode, ensure that the [MASTER VOLUME] dial on the left of the stage piano's control panel and the volume of any connected keyboard amplifiers or powered speakers are fully turned down.
- 2 Press the  switch located on the rear panel.
- 3 Turn on any keyboard amplifiers or powered speakers connected to the stage piano.



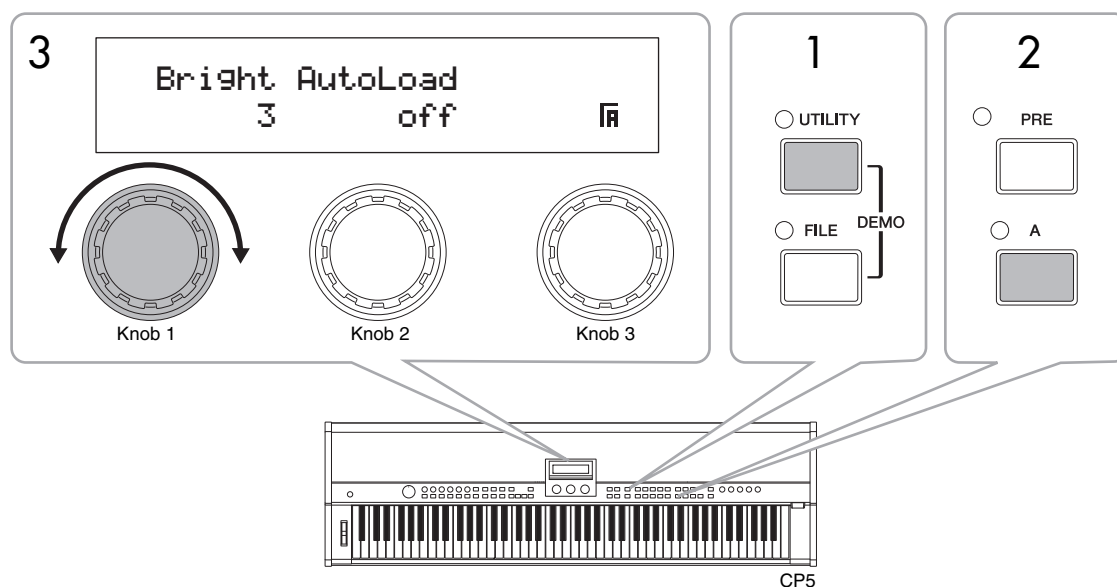
When turning off the stage piano or returning it to Standby mode, start by turning fully down the [MASTER VOLUME] dial on the control panel and the volume of any connected keyboard amplifiers or powered speakers; then turn off the amplifiers or speakers; and finally, press the  switch on the rear panel.

#### HINT

If the stage piano is turned on with a USB flash-memory device already plugged in, it will — before displaying the Performance screen — either create an External Performance memory (page 23) on that device or read External Performance data already present on the device into DRAM. For more details, refer to the *Reference Manual* pdf document.

# Adjusting the Display Brightness

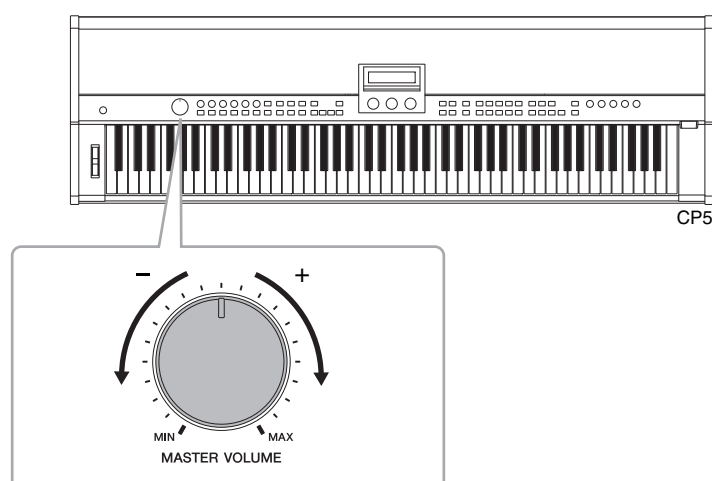
- 1 Press the [UTILITY] button on the right-hand side of the control panel to call up the Utility screen.
- 2 Press the [A] button on the right-hand side of the control panel to jump to Page 11 (A) within this screen.
- 3 Adjust the display brightness by turning Knob 1 and changing the value of the *Bright* (brightness) parameter. The darkest setting is “1”, and the brightest setting is “4”.



**NOTE** As an alternative to the above-described method, the display brightness can also be adjusted directly using the [UTILITY] button and the [◀ PAGE] and [PAGE ▶] buttons. Specifically, the brightness can be reduced by holding down the [UTILITY] button and pressing the [◀ PAGE] button, and it can be increased by holding down the [UTILITY] button and pressing the [PAGE ▶] button.

# Adjusting the Volume

The stage piano's output volume is adjusted using the [MASTER VOLUME] dial located at the left of the control panel. Whenever making adjustments using this dial, it is wise to listen to the actual volume as you play.



**NOTE** The [MASTER VOLUME] dial also controls the volume of the headphones.

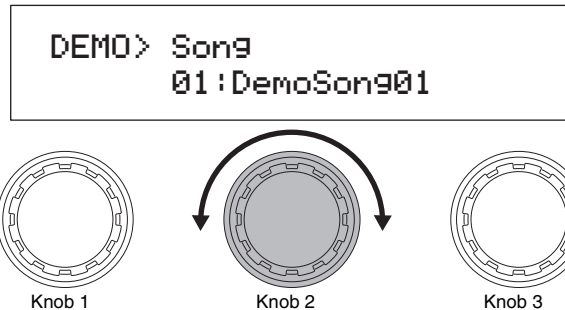
## NOTICE

Whenever you make adjustments using the [MASTER VOLUME] dial, you simultaneously set the level of sound being output via the headphones jack, the unbalanced [L/MONO] and [R] output jacks, and in the case of the CP5, the balanced [L] and [R] output connectors. It is very important to remember this fact if monitoring via headphones when keyboard amplifiers or powered speakers are also connected as they may become extremely loud.

# Playing Demonstration Songs

Your CP5 or CP50 comes preloaded with a number of specially prepared demonstration songs. Follow the procedure described below to play these songs using a range of the sounds that your stage piano has to offer.

- 1 To open the Demo Song screen, hold down the [UTILITY] button and press the [FILE] button or vice versa.



**NOTE** This illustration of the Demo Song screen is provided for demonstration purposes only and may differ from that actually displayed by your CP5 or CP50.

- 2 Select the demo song you would like to listen to using Knob 2.  
**NOTE** If a demo song is already playing, it must be stopped before a new one can be selected.
- 3 Press the [▶/||] (Play / Pause) button to start playback of the selected demo song.
- 4 To stop the demo song, press the [■] (Stop) button.
- 5 To return to the Performance screen, press the [EXIT] button.

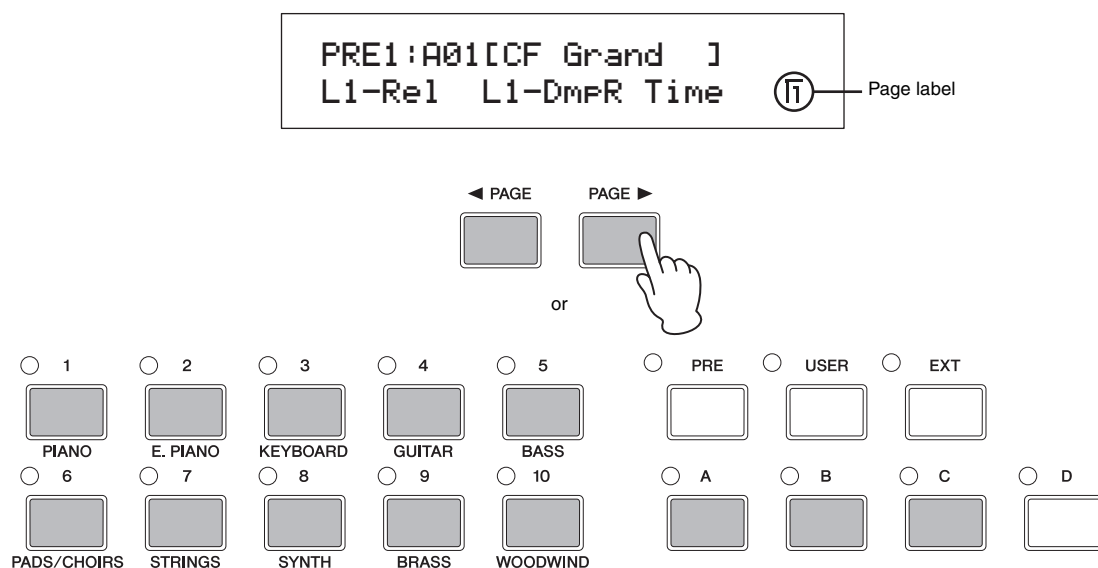
# Basic Operations

In this section, you will find a description both of the basic methods used to operate your CP5 or CP50 and of the content displayed on-screen.

## Changing Pages

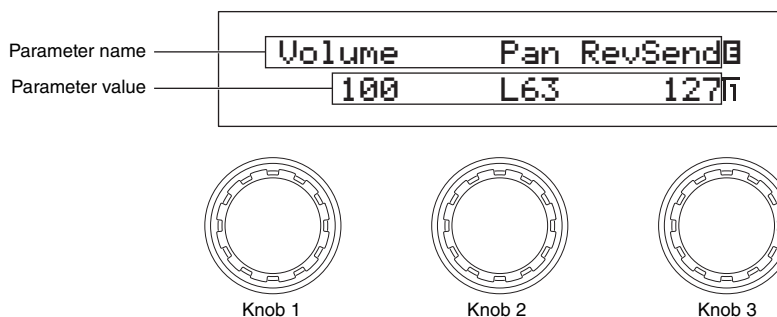
Most of the stage piano's parameter-setting screens comprise a number of different pages. To move through these screens, either press the [◀ PAGE] or [PAGE ▶] button to move one page at a time in the corresponding direction or press the button with the same label as the page you wish to open ([1] to [10], [A] to [D]). The maximum number of pages in any screen is 13, and labels are assigned in the following order.

1, 2, 3, 4, 5, 6, 7, 8, 9, 0, A, B, C



## Setting Parameters

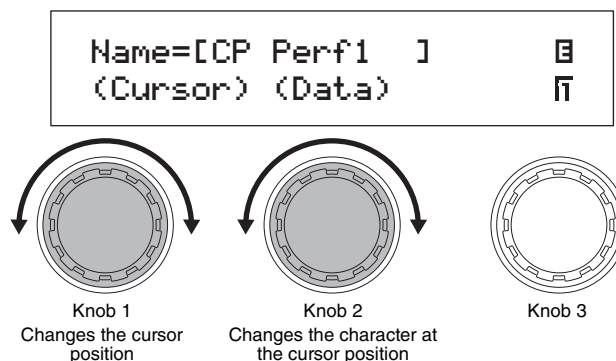
Each of the three knobs located below the stage piano's display can be turned or pressed to set the parameter assigned to it on the current page. Specifically, a knob can be turned clockwise to increase a value and counter-clockwise to decrease it.



**NOTE** The value of any parameter that does not apply to the currently selected voice will be displayed as "---", and you will be unable to modify it.

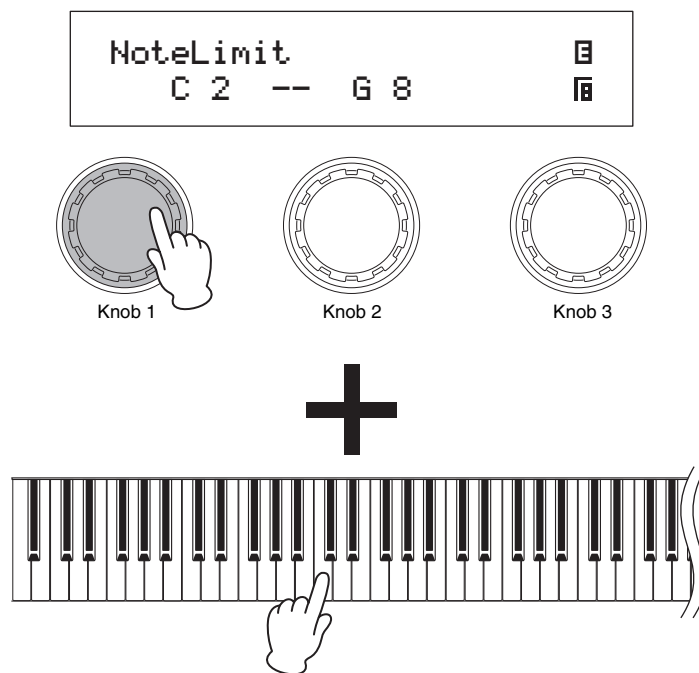
## Setting Names

A name can be freely assigned to each Performance that you create or modify on your CP5 or CP50. Furthermore, it is also possible to specify names for files saved from the stage piano to a USB flash-memory device. In order to do so, use the knob assigned to the *Cursor* parameter on the page in question to move the cursor within the name field, and then use the knob assigned to the *Data* parameter to change the character at the cursor position.



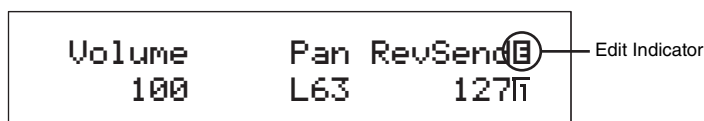
## Entering Note Numbers

While any parameter requiring a note to be set can be modified in the usual way by turning the assigned knob, you can also select a note by pressing and holding that knob and playing the corresponding key on the keyboard.



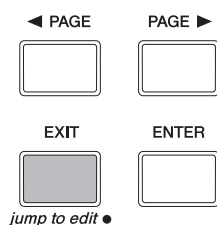
## Edit Indicator

Whenever you modify parameters on your CP5 or CP50, the Edit Indicator **E** will appear at the top left of the display to remind you to store them. Unsaved modifications will be lost whenever the stage piano is turned off or a new Performance is selected. The correct way to store settings is described on page 50.



## Exiting from the Current Screen

From any level within the stage piano's screen structure, you can press the [EXIT] button to move back up one level or to return to the Performance screen.



# Quick Start Guide

## Basic CP5 & CP50 Procedures

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### Connecting to a Computer

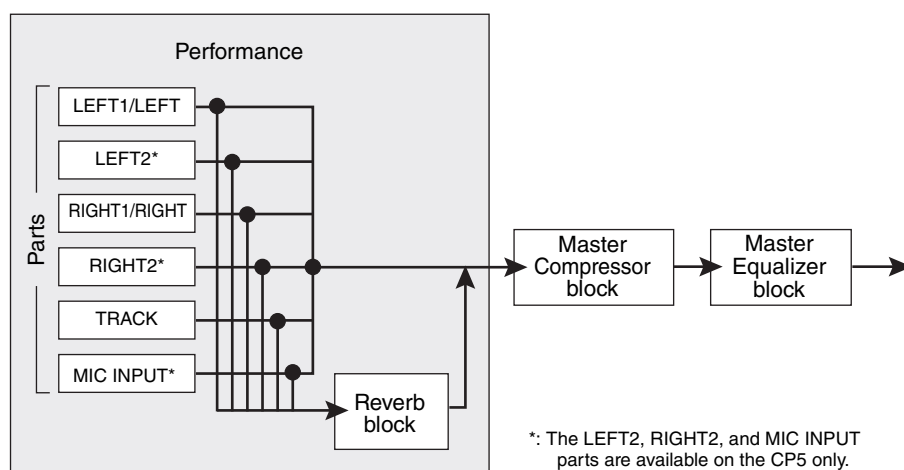
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### Storing & Backing Up Stage-Piano Data

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## Using Performances

Your CP5 or CP50 comes packed with a wide range of different presets, and these are referred to as Performances. Designed to allow multiple voices to be sounded together, each Performance comprises a number of parts and a Reverb block, which applies a common reverberation effect to the parts. Furthermore, Master Compressor and Master Equalizer blocks, which affect all Performances in the same way, can also be used to ensure that the sound of your CP5 or CP50 is always perfectly matched to its playing environment. For more details on Performances, refer to the *Reference Manual* pdf document.





Your CP5 or CP50 can store Performances in three main memory areas — namely, Preset Performance memory, User Performance memory, and an External Performance memory. The specific roles of each of these memory areas are described below.

## ■ Preset Performance Memory

Accessed using the [PRE] button, the Preset Performance memory is used to hold the Performances that come ready-made with your CP5 or CP50. This memory area comprises three individual memory banks — PRE1, PRE2, and PRE3 — furthermore, four memory groups (A, B, C, and D) are contained within each memory bank, and each one of these groups can hold ten Performances.

## ■ User Performance Memory

Accessed using the [USER] button, the User Performance memory is used to store original Performances that you have created. This memory area comprises three individual memory banks — USR1, USR2, and USR3 — furthermore, four memory groups (A, B, C, and D) are contained within each memory bank, and each one of these groups can hold ten Performances.

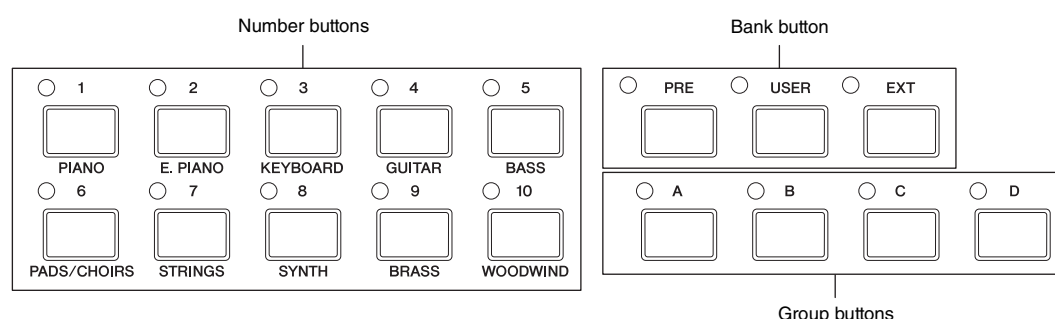
## ■ External Performance Memory

Accessed using the [EXT] button, External Performance memories are read into your CP5 or CP50 from a USB flash-memory device. As with the User Performance memory, each External Performance memory can be used to save original Performances that you create. This memory area comprises three individual memory banks — EXT1, EXT2, and EXT3 — furthermore, four memory groups (A, B, C, and D) are contained within each memory bank, and each one of these groups can hold ten Performances. In order to use an External Performance memory stored on a USB flash-memory device, the device must be plugged into the CP5 or CP50, and the stage piano must have loaded the memory into its DRAM.

**NOTE** For more details on Performance memory areas, refer to the *Reference Manual* pdf document.

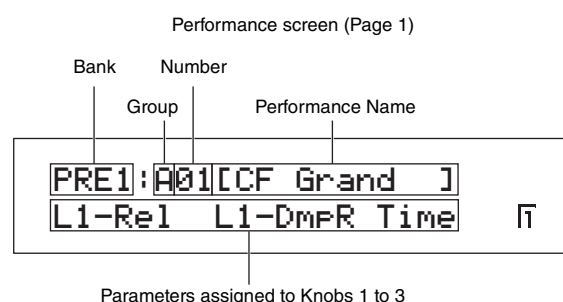
## Selecting a Performance

In order to hear a CP5 or CP50 Performance, select it on the Performance screen and play the keyboard. For demonstration purposes, we will now go step by step through the procedure of selecting a Performance from the Preset Performance memory area.



- 1 Within the Performance screen, use the [◀ PAGE] button to ensure that Page 1 (as shown below) is displayed. (This screen extends across two different pages.)

**NOTE** Page 1 of the Performance screen indicates which Performance is selected and which parameters are assigned to Knobs 1 to 3; meanwhile, Page 2 indicates the backing track assigned to the selected Performance.



**NOTE** This illustration of the Performance screen is provided for demonstration purposes only and may differ from that actually displayed by your CP5 or CP50.

## Using Performances

- 2 Press the [PRE] button as many times as required to select the required Preset Performance memory bank. Each time you press this button, the current bank will cycle through PRE1, PRE2, and PRE3. When a bank selection is changed in this way, the lamp to the top-left of the [PRE] button will start to flash. In addition, the lamps to the top-left of the Group button and Number button for the currently selected Performance will also start to flash.
  - 3 Press one of the Group buttons [A] to [D] to choose a group from the selected Preset Performance memory bank.
  - 4 Press one of the Number buttons [1] to [10].  
With the selection of a Performance now complete, the corresponding Bank, Group, and Number buttons will stop flashing and stay lit.
- NOTE** For a list of all Preset Performances, see the *Data List* pdf document.
- 5 Play the keyboard to hear how the selected Performance sounds.

### HINT

#### Key-on Start

Depending on the Performance you have selected, the backing track (page 37) may automatically start to play when you press a key on the stage piano. This function is called Key-on Start. If the [▶/||] (Play / Pause) button begins to flash when you select a new Performance, it will indicate that playback of the backing track will start when you play the specified key. Press the [■] (Stop) button if you wish to cancel this Standby condition. You can also press the [■] (Stop) button to stop playback of the backing track at any time. Meanwhile, playback can be set to Standby condition by holding down the [■] (Stop) button and pressing the [▶/||] (Play / Pause) button.

### HINT

The procedure for using an External Performance memory previously saved to a USB flash-memory device is as follows.

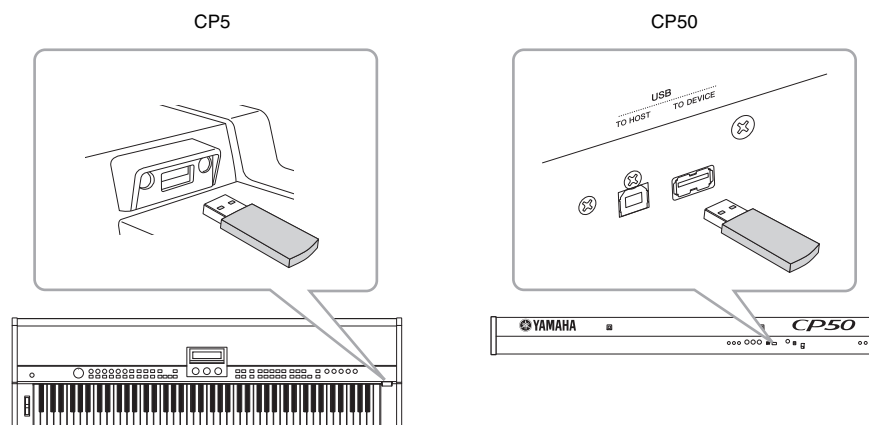
- 1 Ensure that the External Performance memory is located in the USB flash-memory device's root directory.
- 2 Plug the USB flash-memory device into the stage piano's USB TO DEVICE port.  
The data from the External Performance memory will be automatically loaded into the instrument. For more details, see the section *Using External Performance Memories* from the *Reference Manual* pdf document.
- 3 With the Performance screen displayed, press the [EXT] button as many times as necessary to select the required External Performance memory bank. The remainder of the selection process is as described above in Step 3 and thereafter of the section *Selecting a Performance*.

## HINT

### Plugging in a USB flash-memory device

The USB TO DEVICE port is used for plugging in USB flash-memory devices. Before doing so, ensure that the memory device's connector matches the port and that both are oriented in the same direction.

**NOTE** The USB TO DEVICE port supports the USB 1.1 standard; however, you can plug in and use USB 2.0 memory devices. In such a case, data will be transferred at the USB 1.1 speed.



### Precautions when using the USB TO DEVICE port

Whenever plugging a USB flash-memory device into your stage piano's USB TO DEVICE port, be sure to handle it with care and follow the important precautions below.

**NOTE** For more details on how to use your USB flash-memory device, see the owner's manual that came with it.

#### ■ Supported USB memory devices

Only USB memory devices of the flash-memory variety can be used with your CP5 or CP50. Furthermore, this stage piano does not necessarily support all commercially available USB flash-memory devices, and Yamaha cannot guarantee normal operation with every such device on the market. Before purchasing a USB flash-memory device for use with your stage piano, therefore, please visit the following web page to determine whether or not it is supported:  
<http://www.yamahasynth.com/>

### Working with USB flash-memory devices

When you plug a USB flash-memory device into your stage piano, you can use it to save data that you have created and to load previously-saved data back into the instrument.

#### ■ Formatting a USB flash-memory device

Certain types of USB flash-memory device must be formatted before they can be used with your stage piano. Whenever you plug such a device into the USB TO DEVICE port, a message prompting you to format it will be displayed on-screen. (See the *Reference Manual* pdf document for more details.)

#### NOTICE

**When a USB flash-memory device is formatted, all of its data will be permanently erased. Before formatting a memory device, therefore, ensure that it contains no irreplaceable data.**

#### ■ Write protection

Certain types of USB flash-memory device can be write-protected to prevent their data from being accidentally erased. If your USB memory contains irreplaceable data, therefore, we suggest that you use write protection to prevent accidental erasure. Meanwhile, if you need to save data on a USB flash-memory device, be sure to disable its write protection.

#### ■ Removing USB flash-memory devices

Before removing a USB flash-memory device from the USB TO DEVICE port, ensure that the stage piano is not in the process of accessing it to save or load data.

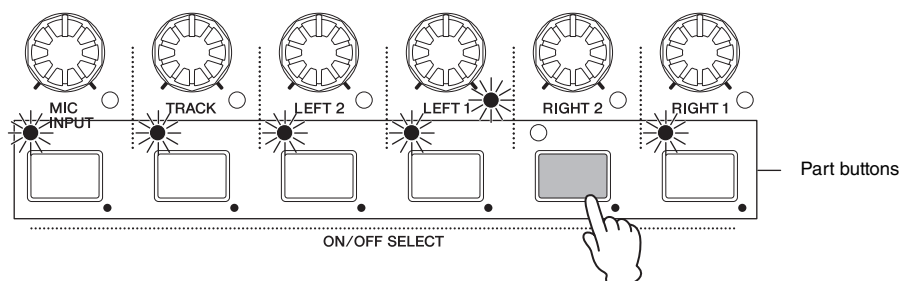
#### NOTICE

**Care should be taken to avoid plugging in and removing USB flash-memory devices with excessive frequency. If this precaution is not observed, your stage piano may freeze and cease operating. In addition, a USB flash-memory device should never be removed before it has been fully mounted or while it is being accessed by the stage piano in order to save or load data. Data within the flash memory or on the instrument itself may be corrupted as a result of such action, and there is also a danger that the USB flash-memory device itself could be permanently damaged.**

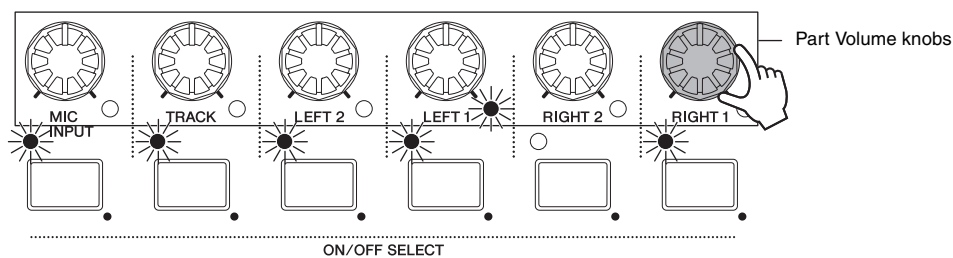
## Activating Parts and Setting Volumes

Each Performance comprises a number of left and right parts — namely, the LEFT1, LEFT2, RIGHT1, and RIGHT2 parts on the CP5 or the LEFT and RIGHT parts on the CP50 — together with a TRACK part, and on the CP5 only, a MIC INPUT part. These parts can be activated and deactivated on an individual basis, and volumes can also be set for each.

- 1 Press a Part button to toggle on and off the corresponding part. The lamp to the top-left of each button lights up whenever the part in question is turned on.



- 2 Turn the Part Volume knobs to set volumes independently for each part. Turn a knob clockwise to increase the volume or counter-clockwise to decrease it.



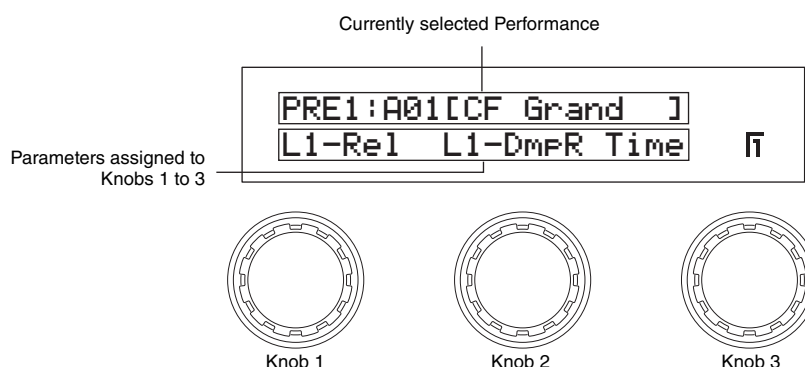
**NOTE** The diagram shows the CP5. CP50 Performances comprise a total of three parts — namely, the LEFT part, RIGHT part, and TRACK part.

## Using Knobs 1 to 3 to Change the Sound

### ■ Function of Assignable Knobs

Knobs 1 to 3, which are located in front of your stage piano's display, can be assigned to various parameters from the individual blocks making up the current Performance. In specific terms, parameters from each Pre-Amplifier block, from each Modulation Effect block, from each Power-Amplifier / Compressor block (CP5 only), and from the Reverb block can be freely assigned to these knobs; furthermore, each Performance can have a different set of assignments. On the Performance screen, identifiers may be displayed to the left of assigned parameters to notify you of the corresponding parts. For example, if a parameter assignment were identified as being *L1-Dcy*, the knob in question would control the *Decay* parameter (i.e., decay time) from the *LEFT1* part. In cases where the assigned parameter is identical for all parts, no such indicator is displayed. By turning Knobs 1 to 3, you can change the values set for the corresponding parameters in order to modify the sound of the currently selected Performance.

Performance screen (Page 1)

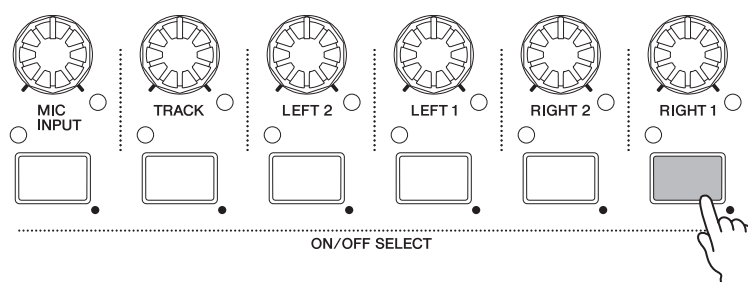


On Page 1 of the Performance screen, you can also press a knob to toggle on and off display of the current setting value for its assigned parameter.

### ■ Assigning Parameters to Knobs 1 to 3

Following the procedure described below, you can easily change parameter assignments for Knobs 1 to 3.

- 1 Select the part containing the parameter to be assigned by pressing and holding the corresponding Part button (for at least one second).



**NOTE** You can also select the required part by pressing the [◀ PAGE] and [PAGE ▶] buttons while holding down the [EXIT] button.

## Using Performances

- 2 Press and hold the [STORE/ASSIGN] button (for at least one second). You will be asked to select a block, and the lamps to the top-left of the [PRE-AMP], [MOD-FX], [PWR-AMP] (CP5 only), and [REVERB] buttons will start to flash.

Select PreAmp/ModFx/  
PwrAmp/Reverb Sw.

**NOTE** You can also select a block directly from within its parameter setting screen. To do so, press and hold the [STORE/ASSIGN] button (for at least one second) and continue from Step 5 below.

- 3 Press the [PRE-AMP], [MOD-FX], [PWR-AMP] (CP5 only), or [REVERB] button. With a block selected, you will now be asked to indicate which of its parameters is to be assigned.

Select Parameter.  
Bass Treble Speed

**NOTE** If the currently selected part is not a left or right part, pressing of only the [REVERB] button will be accepted at this time.

**NOTE** If a left or right part having a non-piano voice is currently selected, pressing of the [PRE-AMP] button will not be accepted at this time.

- 4 To select a parameter, press the corresponding knob. You will now be asked to indicate the knob to which the selected parameter is to be assigned.

Select assignable knob.  
L1-Rel L1-DmpR Time

- 5 Press the knob to be used to control the selected parameter. The display will return to the Performance screen, where you can confirm that the selected parameter is now assigned to the selected knob.

### HINT

#### Removing Parameter Assignments

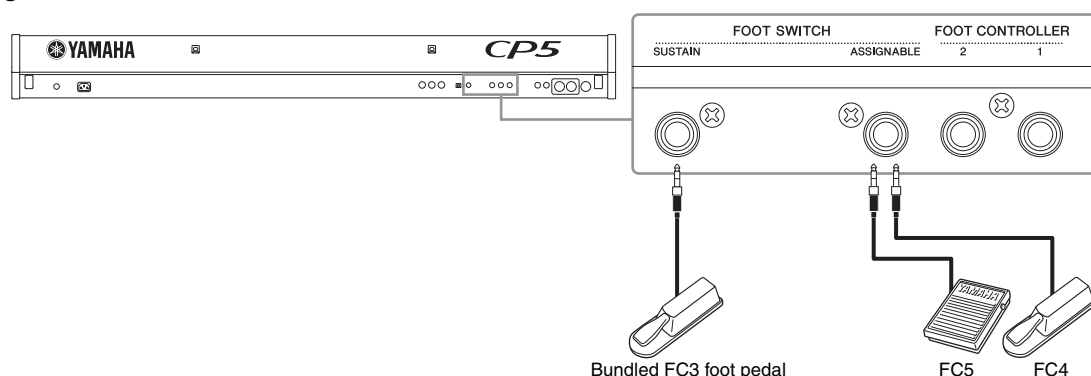
To remove a knob's parameter assignment, navigate to Page 1 of the Performance screen, press and hold the [EXIT] button, and then press the knob in question. The parameter assignment will be canceled, and turning the knob will now have no effect on the sound of the Performance.

**NOTE** Whenever a new voice, pre-amplifier, modulation effect, power-amplifier / compressor (CP5 only), or reverb type is selected within the current Performance (page 35), the parameters assigned to Knobs 1 to 3 may change automatically and knobs may be labeled as \*\*\* on the Performance screen to indicate that nothing is assigned. In such a case, parameters should be reassigned to Knobs 1 to 3 as required.

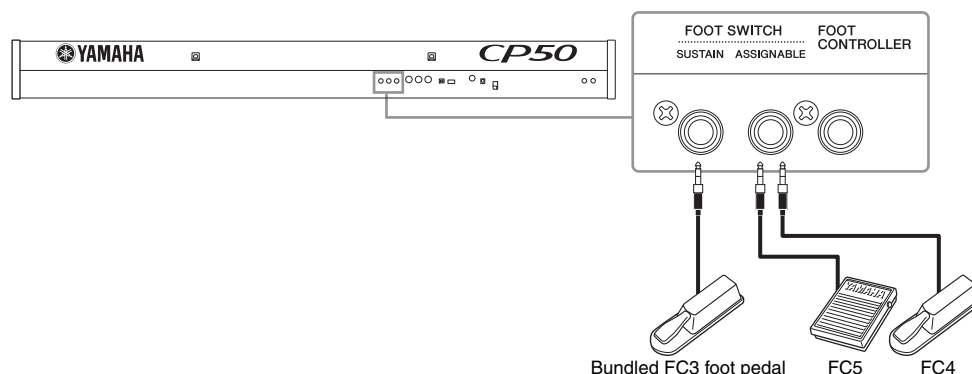
# Using Pedals

In order to see how pedals work, connect the FC3 foot pedal that came with your CP5 or CP50 into the [SUSTAIN] foot-switch jack located on the rear panel (page 16) and operate it while you play. As described below, the way in which a pedal functions will depend on the jack to which it is connected.

## CP5 Stage Piano



## CP50 Stage Piano



## ■ [SUSTAIN] foot-switch jack

The [SUSTAIN] foot-switch jack is used for connecting the FC3 foot pedal that came with your stage piano. Notes played while this pedal is pressed will be sustained longer than normal after you release the corresponding keys. This pedal also supports half-damper playing, with the degree to which the pedal is pressed controlling how long the notes are sustained. The half-damper function can be turned on or off using the *SusPedal* parameter (Sustain Pedal) from Page 3 of the Utility screen. For more details, refer to the *Reference Manual* pdf document.

**NOTE** An optional FC4 or FC5 foot switch can also be connected to the [SUSTAIN] foot-switch jack; however, only the FC3 foot pedal supports half-damper playing. Whenever one of these optional pedals is to be used, the *SusPedal* parameter from the Utility screen must be set accordingly.

## ■ [ASSIGNABLE] foot-switch jack

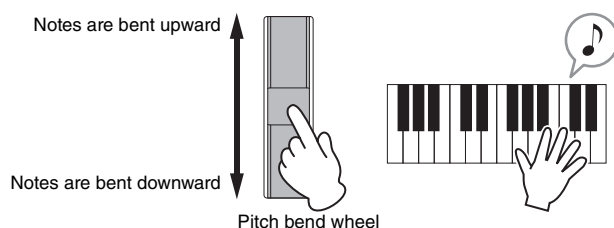
The [ASSIGNABLE] foot-switch jack is used for connecting an optional FC4 or FC5 foot switch, which can then be used in order to intuitively control one of many CP5 or CP50 parameters. The assignment of these parameters is carried out on Pages 3 to 5 of the Common Settings screen. For more details, refer to the *Reference Manual* pdf document.

**NOTE** An FC4 or FC5 connected to the [ASSIGNABLE] foot-switch jack can be used to start and stop the backing track. In order to do so, navigate to page 4 of the Utility screen and set the value of the CtrlAsn parameter to "FS" and the value of the CtrlNo. parameter to "98(Ply/Stop)".



### Bending Notes

Using the pitch bend wheel located at the left of the keyboard, you can bend the pitch of notes up and down as you play. Notes are bent upward when you push the pitch bend wheel away from you and vice versa. This wheel is self-centering and will, therefore, automatically return to the neutral position when released. Why not take a moment now to see how the pitch bend wheel can change the sound of the notes you play.



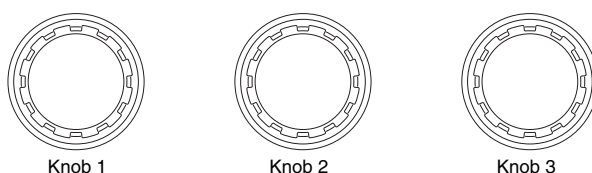
In addition, if you press the [TRANSPOSE] button located at the right of the control panel to call up the Transpose screen, you can turn Knob 1 to raise or lower the pitch of the entire keyboard in steps of one semitone. The keyboard can be transposed upward or downward by up to 12 semitones in this way.



### Adjusting the Master Compressor & Master Equalizer

The Master Compressor block and the Master Equalizer block are used to adjust the dynamics and tone of the sounds produced by Performances. Settings for these blocks are stored separately from Performances; therefore, they affect the stage piano as a whole and can be adjusted to ensure perfect matching with the environment in which it is played. To see how these blocks affect the sound of your CP5 or CP50, use the [MASTER COMPRESSOR] button and the [MASTER EQUALIZER] knobs located at the right of the control panel as described below.

- 1 Press and hold the [MASTER COMPRESSOR] button (for at least one second). The Master Compressor screen will be displayed.



- 2 Turn Knobs 1 to 3 to modify the corresponding parameters as you play.

**NOTE** For more details on the parameters that can be controlled, refer to the *Reference Manual* pdf document.

- 3 Press the [◀ PAGE] and [PAGE ▶] buttons to navigate between the screen's pages and modify other parameters.

- 4 As you play the keyboard, adjust the overall tone using the [MASTER EQUALIZER] knobs located at the right of the control panel. The CP5 features five knobs for adjusting the gain in individual frequency bands — namely, the [LOW], [LOW MID], [MID], [HIGH MID], and [HIGH] knobs. Meanwhile, the CP50 has three such knobs — [LOW], [MID], and [HIGH].

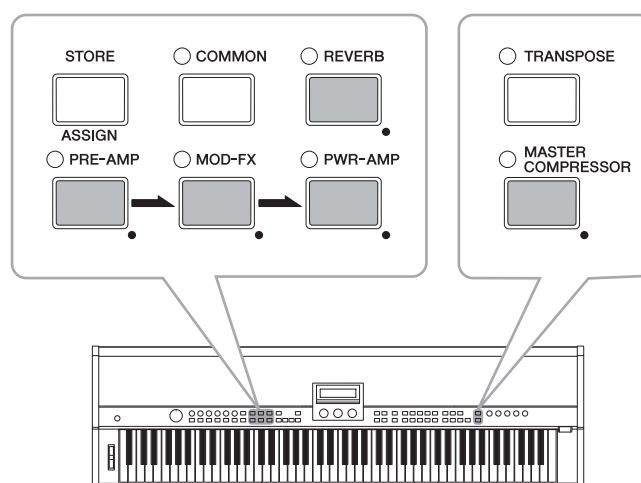


## Turning Performance Blocks On & Off

The left and right parts that make up each Performance respond to your playing of the keyboard or to MIDI input and use the built-in Tone Generator to produce the appropriate sounds in response. Each of these parts comprises a Voice block, a Pre-Amplifier block, a Modulation Effect block, and in the case of the CP5, a Power-Amplifier / Compressor block. (See the *Reference Manual* pdf document for more details.) In addition to the Pre-Amplifier block, Modulation Effect block, and Power-Amplifier / Compressor block from the currently select part, the Reverb block that processes sound from all parts and the Master Compressor block that is common for all Performances can easily be turned on and off as you play the keyboard. To do so, press the [PRE-AMP] button, the [MOD-FX] button, the [PWR-AMP] button (CP5 only), the [REVERB] button, or the [MASTER COMPRESSION] button as required. The lamp to the top-left of these buttons will light up and go out as the corresponding blocks are turned on and off for the current part. The [PRE-AMP] button differs from the other block buttons in this respect: If a voice from the PIANO or E.PIANO category has been selected for the part in question, pressing of this button will affect the Pre-Amplifier block as shown in the table below. Meanwhile, the Pre-Amplifier block remains off whenever a voice from any other category has been selected.

Voice assigned to currently-selected part	Effect of pressing [PRE-AMP] button
71Rd I, 73Rd I, 75Rd I, 78Rd II, 69Wr, and 77Wr	The vibrato effect turns on and off. Other functions stay on.
Other voices from PIANO and E.PIANO categories	All pre-amplifier functions stay on.

To hear how the various blocks shape the sound, try turning them on and off as described above while playing your CP5 or CP50.



### HINT

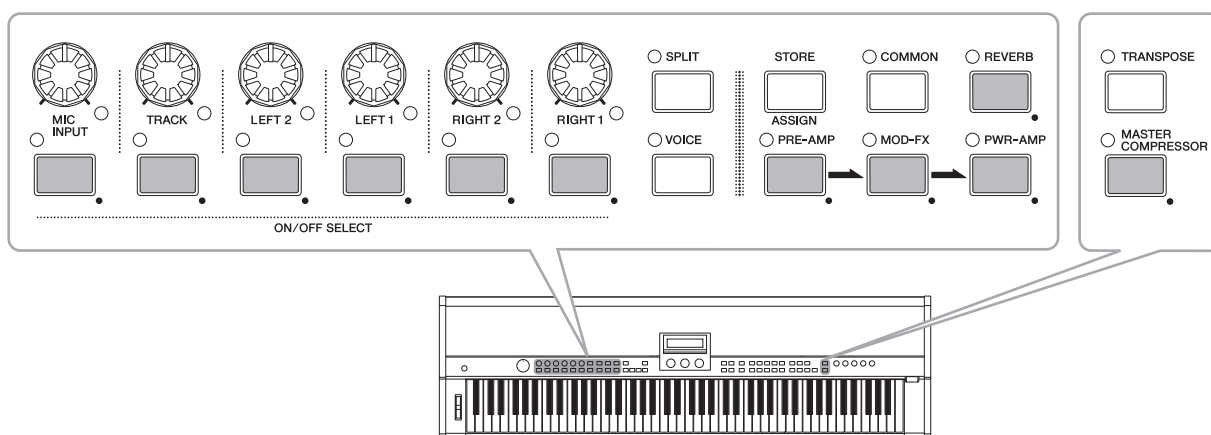
#### Lighting Patterns

As shown below, the way in which the lamps for the parts making up a Performance and for certain other blocks light up and go out depends on the stage piano's current setting condition. The buttons in question are the Part buttons\*, the [PRE-AMP] button, the [MOD-FX] button, the [PWR-AMP] button (CP5 only), the [REVERB] button, and the [MASTER COMPRESSOR] button.

(\*: [LEFT1], [LEFT2], [RIGHT1], [RIGHT2], [TRACK], and [MIC INPUT] on the CP5; [LEFT], [RIGHT], and [TRACK] on the CP50.)

- Not lit: The part or block is currently off.
- Lit: The part or block is currently on.
- Flashing with longer lit period: The part or block is currently on and its parameter setting screen is being displayed.
- Flashing with shorter lit period: The part or block is currently off, but its parameter setting screen is being displayed.

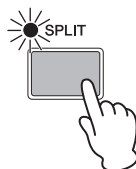
**NOTE** The action of a Pre-Amplifier block when its lamp is not lit or is flashing with a shorter lit period will depend on the voice assigned to the currently selected part. For more details, see *Turning Performance Blocks On & Off* above.



**NOTE** The lamps to the top-left of the [VOICE] and [COMMON] buttons have two lighting patterns only — namely, on and off. Specifically, these lamps light up when the Voice screen or Common Settings screen is displayed, and they remain off at all other times.

## Changing Layer & Split Settings

Using your stage piano's layering and splitting functions, you can easily layer the current Performance's left and right parts or assign them to specific left-hand and right-hand zones. The [SPLIT] button from the control panel can be pressed to toggle between these two conditions, with the lamp to its top-left lighting up in Split mode and going out in Layer mode.



**NOTE** When layering parts, overlapping playing zones are defined by setting note limits for each. When splitting parts, meanwhile, a split point is set. Notes to the left and right of that point can then be played using the left and right parts, respectively. For more details, refer to the *Reference Manual* pdf document.

# Creating Original Performances

Original piano sounds can be easily created on your CP5 or CP50 by configuring the left and right parts and the various blocks that make up Performances. The following procedure can be applied to modify each of these Performance elements while listening to how parameter changes actually affect the sound being produced. In specific terms, the Voice block, Pre-Amplifier block, Modulation Effect block, and Power-Amplifier / Compressor block (CP5 only) are set for the left and right parts; following this, the Performance itself is completed by configuring parameters specific to the left and right parts, the Common Settings area, and the Reverb block; and finally, the Master Compressor and Master Equalizer are adjusted to match the overall sound of your CP5 or CP50 to the environment in which it is being played.

**NOTE** For details on the individual blocks used to build Performances, refer to the *Reference Manual* pdf document.

- 1 Select the Performance that you would like to use as the start point for creating your own sound (page 23).

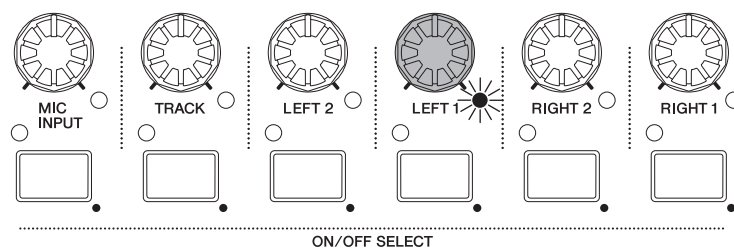
## NOTICE

If you wish to create your Performance within an External Performance memory, the USB flash-memory device containing the data for that Performance memory must first be plugged into your CP5 or CP50. Whenever a USB flash-memory device already containing an External Performance memory is plugged in, that Performance memory will be automatically loaded. Any Performances contained within the stage piano's External Performance memory area at that time will be overwritten.

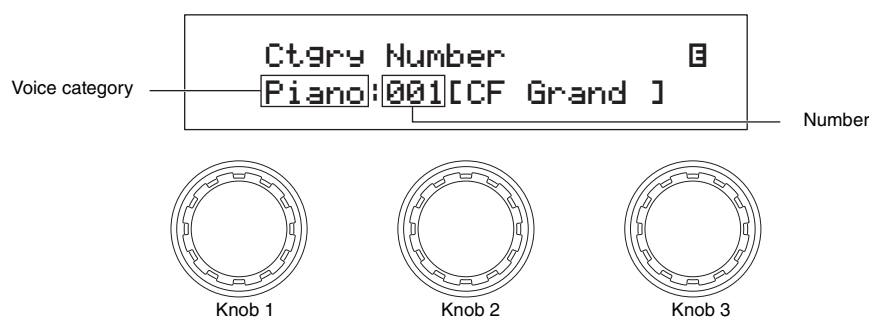
- 2 Select the left or right part to be edited by pressing and holding its button (for at least one second). The lamp to the bottom-right of the corresponding Part Volume knob will light up.

**NOTE** Although the part's parameter setting screen will be displayed at this time, no editing of these parameters is yet required.

**NOTE** You can also select the required part by pressing the [◀ PAGE] and [PAGE ▶] buttons while holding down the [EXIT] button.



- 3 Press the [VOICE] button. The Voice screen will be displayed.



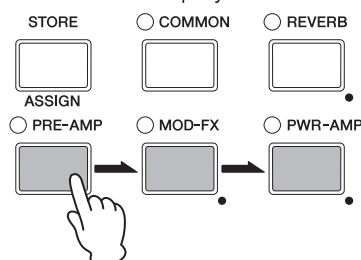
- 4 Turn Knob 1 to select one of the following voice categories.

Piano	Acoustic pianos	Pad	Synth pads and choir voices
E.Piano	Electric and synth pianos	Strings	Ensemble, solo, and synth strings and harps
Key	Other keyboard instruments such as organ, harpsichord, and accordion	Synth	Synthesizer voices
Guitar	Acoustic guitars, electric guitars, <i>shamisen</i> , and mallet-type voices	Brass	Ensemble, solo, and synth brass
Bass	Acoustic, electric, and synth bass voices	Wind	Woodwind, harmonica, <i>shakuhachi</i> , and bagpipe voices

### HINT

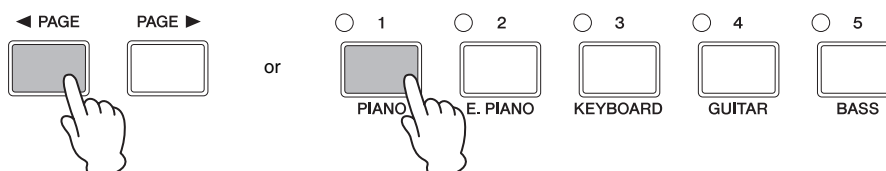
Individual category names are written below each of the Number buttons [1] to [10]. To select a category directly, therefore, you can press the corresponding Number button.

- 5 Turn Knob 2 to choose a voice from the selected category.  
For details regarding all categories and voices, refer to the *Data List* pdf document. For more details regarding voices from the PIANO and E.PIANO categories, refer the *Reference Manual* pdf document.
- 6 Select the Pre-Amplifier block, the Modulation Effect block, or the Power-Amplifier / Compressor block for editing by pressing and holding its button (for at least one second). The Pre-Amplifier block can be edited only if a voice from the PIANO or E.PIANO category was assigned to the current part, and the Power-Amplifier / Compressor block is available on the CP5 only.  
The corresponding parameter setting screen will be displayed.



**NOTE** You can also call up a parameter setting screen by holding down the [EXIT/jump to edit] button and pressing the corresponding block button.

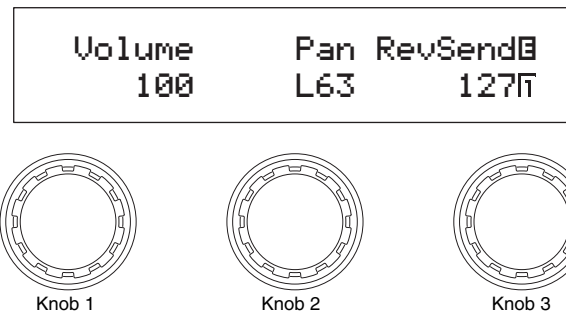
- 7 If you have selected the Modulation Effect block or the Power-Amplifier / Compressor block, press the [◀ PAGE] or [1] button to ensure that Page 1 is displayed. If you have selected the Pre-Amplifier block, Step 9 below can be omitted.



- 8 Turn Knobs 1, 2, and 3 to select a block type.
- 9 Press the [◀ PAGE] and [PAGE ▶] buttons to navigate between the screen's pages and modify other parameters.

**NOTE** For more details regarding block parameters, refer to the *Reference Manual* pdf document.

- 10 Repeat the above process from Step 6 for any other part blocks that you wish to configure. When all of the required settings have been made, proceed to Step 11.
- 11 Press and hold the Part button (for at least one second) for the currently selected part.  
The currently selected part is indicated by lighting of the lamp to the bottom-right of one of the Part Volume knobs (i.e., [LEFT1], [LEFT2], [RIGHT1], or [RIGHT2] on the CP5; [LEFT] or [RIGHT] on the CP50.) As a result of this action, the part's parameter setting page will be displayed.

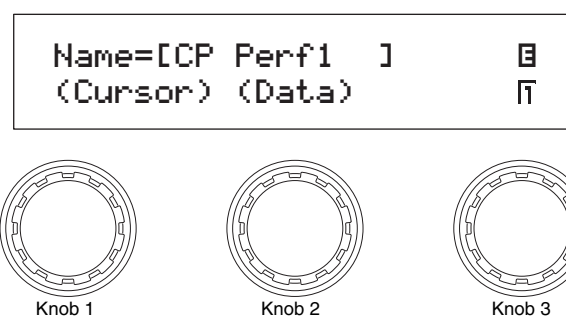


- 12 Press the [◀ PAGE] and [PAGE ▶] buttons to navigate between the screen's pages, and turn the knobs to modify parameters as required.

**NOTE** For more details regarding the parameters on these pages, refer to the *Reference Manual* pdf document.

- 13 Repeat the above process from Step 2 for each left and right part that you wish to configure. When the setting of these parts has been completed, proceed to Step 14.

- 14 Press the [COMMON] button.  
The Common Settings screen will be displayed.



- 15 Press the [◀ PAGE] and [PAGE ▶] buttons to navigate between the screen's pages, and turn the knobs to modify parameters as required.

**NOTE** For more details regarding the parameters on these pages, refer to the *Reference Manual* pdf document.

**NOTE** For details regarding the setting of names, refer to the *Basic Operations* section above (page 20).

- 16 Press and hold the [REVERB] button (for at least one second).  
The Reverb screen will be displayed.

**NOTE** You can also jump to the Reverb screen by holding down the [EXIT/jump to edit] button and pressing the [REVERB] button.

- 17 Press the [◀ PAGE] or [1] button to ensure that Page 1 is displayed.



- 18 Turn Knob 1 to select a reverb type.

## Creating Original Performances

- 19 Press the [◀ PAGE] and [PAGE ▶] buttons to navigate between the screen's other pages, and turn the knobs to modify parameters as required.
- NOTE** For more details regarding the parameters on these pages, refer to the *Reference Manual* pdf document.
- 20 Press the [STORE] button to store your Performance.
- Settings from the Voice block, the Pre-Amplifier block, the Modulation Effect block, and the Power-Amplifier / Compressor block (CP5 only), together with parameter settings for parts, the Common Settings area, and the Reverb block are stored in the form of a Performance. For details regarding the storing procedure, refer to page 50.
- NOTE** If you wish to store your Performance in an External Performance memory, ensure that the USB flash-memory device containing that Performance memory is plugged into the USB TO DEVICE port before pressing the [STORE] button.
- 21 Press and hold the [MASTER COMPRESSOR] button (for at least one second).
- The Master Compressor screen will be displayed.
- NOTE** You can also jump to the Master Compressor screen by holding down the [EXIT/jump to edit] button and pressing the [MASTER COMPRESSOR] button.
- 22 Press the [◀ PAGE] and [PAGE ▶] buttons to navigate between the screen's pages, and turn the knobs to modify parameters as required.
- NOTE** For more details regarding the parameters on these pages, refer to the *Reference Manual* pdf document.
- 23 Adjust the overall tone using the [MASTER EQUALIZER] knobs located at the right of the control panel.
- 24 Press the [STORE] button to store the modified Master Compressor and Master Equalizer settings. The settings adjusted using the [MASTER EQUALIZER] knobs can also be modified using the master equalizer parameters from the Utility screen. Accordingly, Master Compressor and Master Equalizer settings are stored within User Memory as part of the stage piano's system settings. For details regarding the storing procedure, refer to page 50.

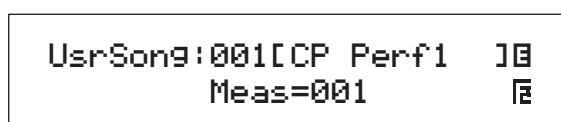


# Performing with a Backing Track

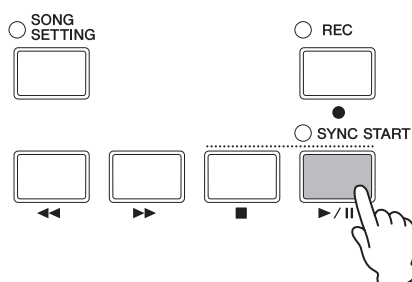
Your CP5 or CP50 can also play a backing track as you play the keyboard. Three different types of backing track are available — namely, Preset Drum Patterns, User Songs, and Wave files — and a different one can be selected for each Performance. The following will describe how these tracks can be put to use. For more details regarding the backing tracks themselves, refer to *Song Setting Area* from the *Internal Design of the CP5 & CP50* section of the *Reference Manual* pdf document.

## Playing a Backing Track

- 1 Using the Performance screen, select the Performance that you would like to play (page 23).
- 2 Press the [PAGE ►] button to move to Page 2.  
The name of the currently selected backing track is displayed here.



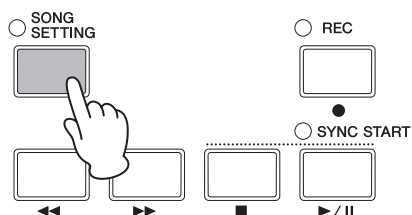
- 3 Press the [►/||] (Play / Pause) button to start playback of the selected backing track.  
The backing track will continue to play as you perform on the keyboard.



- 4 To stop the backing track, press the [■] (Stop) button.

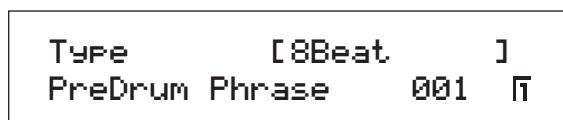
## Selecting & Setting a Backing Track

- 1 If you wish to select a Wave file for use as the backing track, ensure that the file in question has already be stored on a USB flash-memory device, and then plug the device into the stage piano's USB TO DEVICE port.
- 2 Press the [SONG SETTING] button.



## Performing with a Backing Track

- 3 Press the [◀ PAGE] or [1] button to ensure that Page 1 of the Song Setting screen is displayed. On this page, you can specify a backing-track type and number.



- 4 Turn Knob 1 to select the required backing-track type.
- 5 If you have selected Preset Drum Pattern (*PreDrum*), turn Knob 2 to indicate whether you want to use a Drum Phrase or Drum Kit, and then select the required phrase or kit number using Knob 3. Alternatively, if you have selected User Song (*UsrSong*) or Wave file (*Wave*), turn Knob 3 to select the required user-song number or file.
- 6 Navigate to Pages 2 and 3 using the [PAGE ▶] button. Using Knobs 1 to 3, modify parameters such as tempo, time signature, and track name as required.

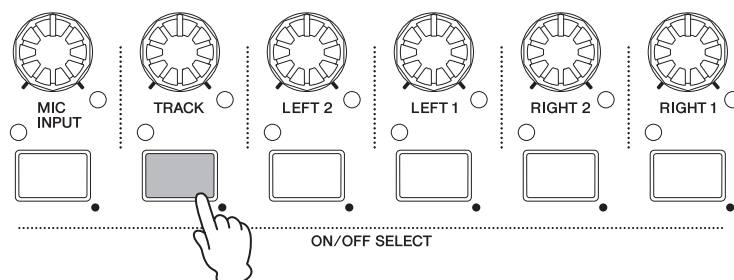
**NOTE** If you have selected a Wave file recorded using your CP5 or CP50, be sure to leave the 7th and 8th characters in the file name — namely, } and { — unchanged. If these characters were to be modified, the replay volume on your stage piano would become extremely low as a result.

### ⚠ CAUTION

If you have selected a Wave file that was not recorded using your CP5 or CP50, be sure not to add } and { as the 7th and 8th characters of the file name. Failure to observe this precaution could lead to extremely high volumes upon playback (as the output level is increased automatically whenever these characters are in the positions indicated).

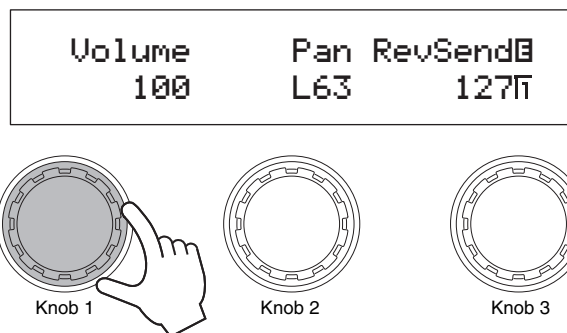
**NOTE** For more details regarding the parameters on these pages, refer to the *Reference Manual* pdf document.

- 7 If you have selected a Preset Drum Pattern (*PreDrum*) or a Wave file (*Wave*) for use as the backing track, press and hold the [TRACK] button (for at least one second) to call up the parameter setting screen for the TRACK part. If, on the other hand, you have selected a User Song (*UsrSong*), skip to Step 10 below.



**NOTE** You can also jump to the parameter setting screen for the TRACK part by holding down the [EXIT/jump to edit] button and pressing the [TRACK] button.

- 8 Using Knobs 1 to 3, set the volume, pan, and reverb send level for the TRACK part as required.



**NOTE** The volume of the TRACK part can also be adjusted directly using the [TRACK] knob.

### CAUTION

Wave files created using devices other than your CP5 or CP50 may be very loud. If you select such a file for use as a backing track and do not turn down the volume in advance, it may play back at an extremely high volume. It is important, therefore, to always turn the TRACK part's volume down fully (i.e., to 0) before playing a newly-selected Wave file. Then, when playback is started as described in Step 11 below, you can gradually increase the TRACK part volume to a suitable level.

- 9 Press the [EXIT] button to return to the Performance screen.
- 10 Ensure that the lamp for the TRACK part is lit (indicating that the part is turned on). If necessary, press the [TRACK] button to turn on the part.
- 11 Press the [▶/■] (Play / Pause) button as you play the keyboard. The selected backing track will now play along with you. You can stop backing-track playback at any time by pressing the [■] (Stop) button.

### HINT

#### Using Key-on Start to Begin Playback

Your CP5 or CP50 also features a Key-on Start function that can be used to start backing-track playback in response to playing of the keyboard. The following describes how to use this function.

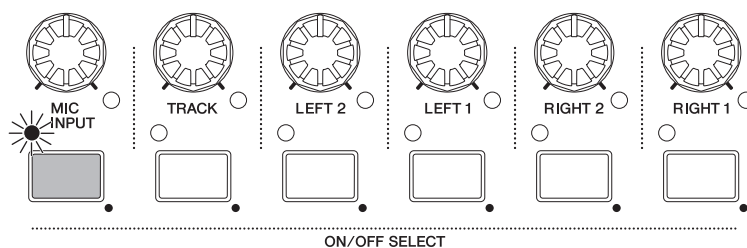
- 1 Press the [SONG SETTING] button, followed by the [3] button.  
Page 3 of the Song Setting screen will be displayed.
- 2 Turn Knob 1 to set the *StartKey* parameter as required.  
If you set this parameter to "all", any key can be pressed to start playback.
- 3 If the lamp to the top-left of the [▶/■] (Play / Pause) button is currently off, press this button while holding down the [■] (Stop) button.  
Standby condition for backing track playback will be activated and the lamp will begin to flash.
- 4 Press the key that you set for the *StartKey* parameter in Step 2 above.  
The currently selected backing track will start to play. You can stop backing-track playback at any time by pressing the [■] (Stop) button.

**NOTE** Standby condition for backing track playback can be activated automatically whenever you select a new Performance using the *AutoKeyOn* parameter from page 3 of the Song Setting screen. (See the *Reference Manual* pdf document for more details.)

## Using the Microphone while Playing (CP5 only)

With a [MIC INPUT] jack provided on the rear panel for direct connection of a microphone, the CP5 is ideal those who like to sing and play at the same time. Furthermore, signals input via this jack can be processed using the CP5's build-in effects. The following describes the correct way to setup a microphone so that you can sing as you play the keyboard.

- 1 Plug your microphone into the [MIC INPUT] jack on the rear panel.
- 2 Ensure that the lamp for the MIC INPUT part is lit (indicating that the part is turned on).  
If necessary, press the [MIC INPUT] button to turn on the part.



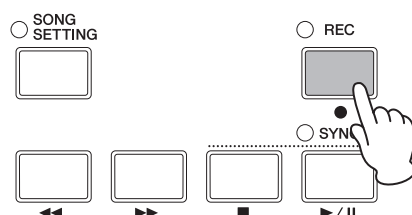
- 3 Using the [GAIN] knob at the left end of the control panel, adjust the gain level for the input signal. Increase the gain by rotating the knob clockwise, and decrease it by rotating the knob counter-clockwise. The peak indicator above the [GAIN] knob will turn on whenever the input signal reaches the maximum level that the CP5 can handle. In such a case, use the [GAIN] knob to reduce the gain level accordingly.
- 4 If necessary, call up the parameter setting screen for the MIC INPUT part by pressing and holding the [MIC INPUT] button (for at least one second) and adjust volume, pan, and effect settings.  
**NOTE** For more details regarding the parameters on this screen, refer to the *Reference Manual* pdf document.  
**NOTE** The volume of the MIC INPUT part can also be adjusted directly using the [MIC INPUT] knob.
- 5 Check your settings by singing into the microphone as you play the keyboard.

# Recording Keyboard Performances

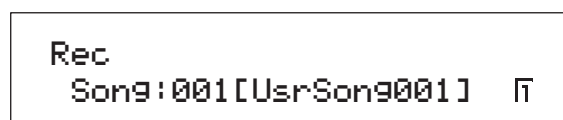
Using the recording functionality of your CP5 or CP50, you can record keyboard performances either as MIDI data for internal storage as User Songs or as audio data for saving on a USB flash-memory device as Wave files.

## Recording a User Song

- 1 Press the [REC] button. The Record screen will be displayed.



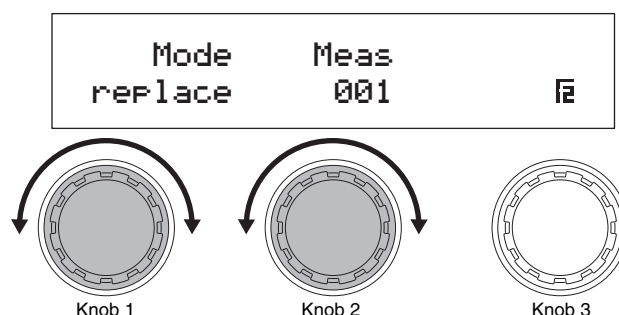
- 2 Press the [◀ PAGE] or [1] button to ensure that Page 1 is displayed. Then, turn Knob 1 to select "Song" (i.e., User Song).  
A song number with which to save your recording will be automatically assigned. If a User Song has been set as the Performance's backing track\*, it will be automatically selected for recording, and therefore, its song number will be displayed here. (\*: [SONG SETTING] button → [1] button → *Type* = "UsrSong".) Meanwhile, if the Performance's backing track is a Preset Drum Pattern (*PreDrum*) or a Wave file (*Wave*), the next available User Song number will be assigned.



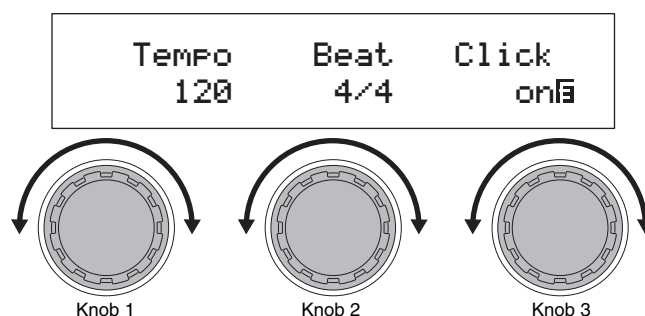
**NOTE** If no User Songs are available for recording (i.e., they all contain data already), an error message will be displayed to notify you of this. In such a case, either free up some memory by deleting unneeded User Songs or set an unneeded User Song as the current Performance's backing track so that it can be overwritten.

- 3 Press the [PAGE ▶] or [2] button to ensure that Page 2 of the Record screen is displayed, and then turn Knobs 1 and 2 to set the recording mode and the measure at which to start recording.

**NOTE** When *Mode* is set to "replace", existing data will be overwritten with recorded data; meanwhile, when it is set to "overdub", the recorded data will be added to the pre-existing data.



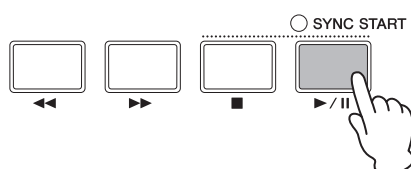
- 4 Press the [PAGE ►], [3], or [4] button to navigate to Pages 3 and 4 of the Record screen, and then turn Knobs 1 to 3 to set the tempo, time signature, and metronome for recording.



**NOTE** For more details regarding the parameters on these pages, refer to the *Reference Manual* pdf document.

- 5 Press the [►/||] (Play / Pause) button. Recording will now start.

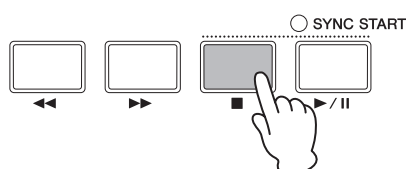
**NOTE** If a Preset Drum Pattern or a Wave file has been set as the Performance's backing track, it will not playback during recording.



- 6 Press the [■] (Stop) button. Recording will end and the Performance screen will be displayed. Furthermore, the recorded User Song will be automatically set as the backing track for the current Performance.

### NOTICE

**You should never turn off your CP5 or CP50 while the message "Please keep power on..." is displayed on-screen. If this precaution is not observed, the content of User Memory may be lost and system data may become corrupted, preventing your CP5 or CP50 from operating normally the next time it is turned on.**



- 7 Press the [►/||] (Play / Pause) button to listen to your recording. You can stop playback at any time by pressing the [■] (Stop) button.

### HINT

If you accidentally recorded to a User Song already containing data, you can easily return the User Song to its original condition. The correct way to do so is as follows.

- 1 Press the [REC] button to call up the Record screen, and then press the [4] button to jump to Page 4.
- 2 Press Knob 3 (*Undo [PUSH]*). You will be asked to confirm that you wish to proceed.
- 3 Press Knob 1 (*YES [PUSH]*) to do so. The most-recent recording will be cancelled and the User Song will be restored to its original condition.

## Recording a Wave File

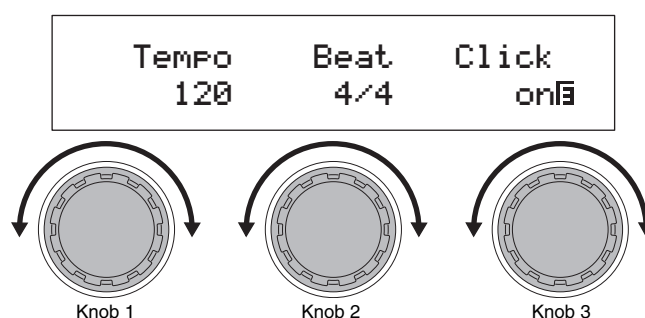
- 1 Ensure that the USB flash-memory device to which you wish to record has already been plugged into the stage piano's USB TO DEVICE port.
- 2 Press the [REC] button.  
The Record screen will be displayed.
- 3 Press the [◀ PAGE] or [1] button to ensure that Page 1 is displayed. Then, turn Knob 1 to select "Wave" (i.e., a Wave file).  
A name with which to save the Wave file will be automatically assigned.



- 4 If necessary, press Knob 3 to specify a different name. When you have finished setting the name, press the [ENTER] button to return to Page 1 of the Performance screen.  
For details regarding the setting of names, refer to the *Basic Operations* section above (page 20).

**NOTE** Whenever Wave files are being recorded on your CP5 and CP50, the characters } and { are automatically added to the file name as the 7th and 8th characters, and modification of these characters prior to recording is not possible. Although names can be edited after recording, these two characters should not be removed. When compared with the volume of performances on the keyboard, the playback volume of Wave files recorded on the stage piano is extremely low; accordingly, the playback level is automatically increased for Wave files with } and { characters in the positions indicated in order to maintain a good balance between keyboard and playback levels.

- 5 Press the [PAGE ▶], [3], or [4] button to navigate to Pages 3 and 4 of the Record screen, and then turn Knobs 1 to 3 to set the tempo, time signature, and metronome for recording.



**NOTE** For more details regarding the parameters on these pages, refer to the *Reference Manual* pdf document.

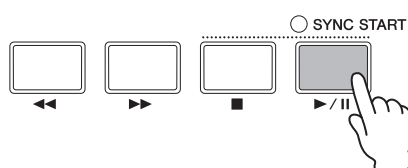
- 6 Press the [▶/||] (Play / Pause) button.  
Recording will start. The currently selected backing track will also play, and it will be recorded together with your keyboard performance.

### NOTICE

The USB flash-memory device should never be removed during recording as it may be permanently damaged as a result of this action.

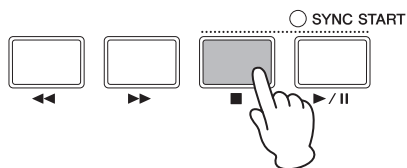
**NOTE** If a Wave file has been set as the Performance's backing track, it will not playback during the recording process.

**NOTE** If you would prefer not to have the backing track play while recording, turn off the TRACK part using the [TRACK] button. (The corresponding lamp will go out when the part is turned off.)



## Recording Keyboard Performances

- 7 Press the [■] (Stop) button.  
Recording will end and the Performance screen will be displayed. The recorded Wave file will be stored on the plugged-in USB flash-memory device, and in addition, it will be automatically set as the backing track for the current Performance.



- 8 Press the [▶/||] (Play / Pause) button to listen to your recording.  
You can stop playback at any time by pressing the [■] (Stop) button.

### Using Key-on Start to Begin Recording

Your CP5 or CP50 also features a Key-on Start function that can be used to start recording in response to playing of the keyboard. The following describes how to use this function.

- 1 Press the [SONG SETTING] button, followed by the [3] button.  
Page 3 of the Song Setting screen will be displayed.
- 2 Turn Knob 1 to set the *StartKey* parameter as required.  
If you set this parameter to "all", any key can be pressed to start recording.
- 3 Press the [REC] button to call up the Record screen, and then set the parameters on this screen as required for your recording (pages 41, 43).
- 4 Hold down the [■] (Stop) button and press the [▶/||] (Play / Pause) button.  
Recording will be set to Standby condition.
- 5 Press the key that you set for the *StartKey* parameter in Step 2 above.  
Recording will start. You can stop recording at any time by pressing the [■] (Stop) button.



# Integrating with Other MIDI Devices

You can connect your stage piano's MIDI [IN], [OUT], and [THRU] connectors to MIDI connectors on other MIDI devices using standard MIDI cables (sold separately). The following section will describe how external MIDI devices connected in this way can then be controlled from your CP5 or CP50.

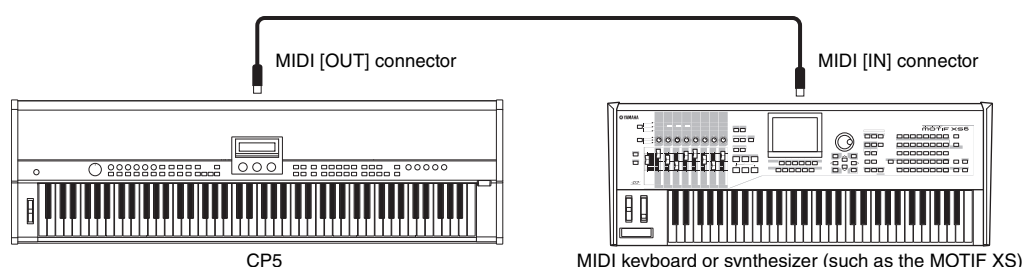
**NOTE** Even when your CP5 or CP50 is connected to other MIDI devices, you will need to connect a stereo system or an amplifier and speakers in order to hear the sound produced. Alternatively, a pair of headphones can always be connected for direct monitoring of the stage piano. For details, see *Connecting Audio Equipment* from the *Setting Up* section (page 15).

## NOTICE

**Whenever connecting external audio equipment, ensure that the volume on all devices is turned fully down. From this condition, start by turning on devices that send MIDI data, then turn on those that receive MIDI data, and finally, turn on any external audio equipment (with amplifiers or powered speakers being turned on last of all). Meanwhile, when shutting down your system, start by turning the volume of all devices fully down, and then turn off devices in the reverse order to turning on.**

## Playing a Synth from the Stage Piano

When your CP5 or CP50 is connected to a MIDI instrument such as a synthesizer or tone-generator module and settings are configured as described below, you can use the stage piano's keyboard to play the other instrument.



With this type of connection, the same MIDI channel must be used by the stage piano and the other instrument to send and receive, respectively. While your stage piano's keyboard can be used in this type of situation to play its own sounds and those of the other instrument simultaneously, it is also possible to assign individual sounds to the keyboard in a number of different ways so that they can be played independently. The procedure for doing so is described below. If, however, you do not wish to split up the keyboard in this way, you can instead navigate to Page 5 of the Utility screen (See the *Reference Manual* pdf document for more details) after completing Steps 1 and 2 below and set the MIDI channel for transmission so as to match the other instrument's receive channel.

- 1 Navigate to Page 6 of the Utility screen by pressing the [UTILITY] button, and if necessary, the [6] button. (See the *Reference Manual* pdf document for more details.)
- 2 Turn Knob 2 to set the *In/Out* parameter (MIDI In/Out) to "MIDI".  
With this setting, MIDI data will be exchanged with other devices via the stage piano's MIDI connectors (instead of via USB).
- 3 Press the [STORE] button to store this setting.  
Utility settings are stored within User Memory as part of the stage piano's system settings. For details regarding the storing procedure, refer to page 50.
- 4 Press the [EXIT] button to return to the Performance screen, and then select the Performance you would like to play (page 23).
- 5 Navigate to Page 2 of the Common Settings screen by pressing the [COMMON] button, and if necessary, the [2] button.
- 6 Press Knob 3 (*ZoneEdit [PUSH]*).  
The Zone Edit screen will be displayed.
- 7 Turn Knob 3 to set the *ZoneSw* parameter (Zone Switch) to "on".  
All four zones will be activated.

- 8 Press the [2] button to jump to Page 2, and then turn Knob 1 to select the zone to be configured.
- 9 Press the [◀ PAGE] and [PAGE ▶] buttons to navigate between the screen's pages, and turn the knobs to modify other parameters as required.  
The *Target* parameter on Page 2 is used to specify whether the internal tone generator or another instrument is to be played; meanwhile, the *TransCh* parameter specifies the MIDI channel on which MIDI data will be sent.  
**NOTE** For more details regarding these parameters, refer to the *Reference Manual* pdf document.
- 10 If necessary, return to Step 8 and repeat the setting procedure for the other zones. When all required zone settings have been completed, press the [EXIT] button to return to the Performance screen.
- 11 For each zone configured to play another instrument in Step 9 above, set the MIDI receive channel on that instrument so as to match the zone's transmit channel.

### HINT

The MIDI [THRU] connector outputs all MIDI data received at the MIDI [IN] connector, regardless of whether or not it is also used within the stage piano. When playing your CP5 or CP50 from another MIDI device, therefore, the performance data can also be output via this MIDI [THRU] connector to play additional instruments.

## Using the Stage Piano with a Computer

Your CP5 or CP50 can also be connected to a computer in order to exchange MIDI data with it. For example, a sequencer running on a computer could be used to play the stage piano, or you could send MIDI data created by playing the stage piano's keyboard to the computer for further processing.

### Connecting via USB

The following procedure describes how to connect the [USB TO HOST] port on the rear of your CP5 or CP50 to a USB port on your computer using a USB cable. When connected in this way, the stage piano and computer can exchange MIDI messages (but not other types of data).

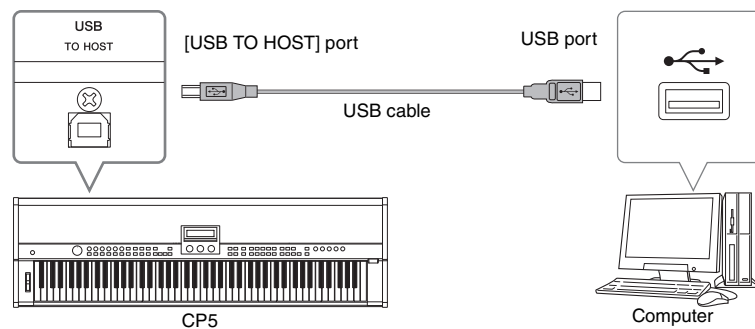
**NOTE** In order to enjoy the sounds produced by your CP5 or CP50, you will need to connect it to a stereo system or to an amplifier and speakers. Alternatively, a pair of headphones can always be connected for direct monitoring of the stage piano. For details, see *Connecting Audio Equipment* from the *Setting Up* section (page 15).

- 1 Using your computer, download the Yamaha USB-MIDI driver from the following web page. After you click Download, select a convenient location for the installation file.  
[http://www.global.yamaha.com/download/usb\\_midi/](http://www.global.yamaha.com/download/usb_midi/)

**NOTE** Information on system requirements can also be found on the above web page.

**NOTE** The USB-MIDI driver may be revised and updated without prior notice. Before installing, visit the above web page to confirm the latest related information and ensure that you have the most up-to-date version.

- 2 Install the USB MIDI driver on your computer.  
For instructions, refer to the *Installation Guide* included in the downloaded file package. When prompted to connect the [USB TO HOST] port on your instrument (i.e., the CP5 or CP50) to the computer using a USB cable, do so as shown below.



- 3 Setup your CP5 or CP50 to allow MIDI data to be exchanged via the [USB TO HOST] port.  
Navigate to Page 6 of the Utility screen by pressing the [UTILITY] button, and if necessary, the [6] button. (See the *Reference Manual* pdf document for more details.) Turn Knob 2 to set the *In/Out* parameter (MIDI In/Out) to "USB".  
**NOTE** If you wish to connect your CP5 or CP50 to a computer via MIDI cables, the *In/Out* parameter should be set to "MIDI".
- 4 Press the [STORE] button to store this setting.  
Utility settings are stored within User Memory as part of the stage piano's system settings. For details regarding the storing procedure, refer to page 50.

### Precautions when using the [USB TO HOST] port

When connecting your CP5 or CP50 to a computer via the [USB TO HOST] port, be sure to observe the following precautions. Failing to do so risks freezing either or both of the devices and corrupting or losing data. If your stage piano or computer should freeze, restart the application being used, reboot the computer, or turn the stage piano off once and then back on.

- Ensure that an AB-type USB cable is used.
- Before connecting to a computer via the [USB TO HOST] port, restore it from any power-saving mode (such as Suspend, Sleep, or Standby).
- Connect the computer via the [USB TO HOST] port before turning on your CP5 or CP50.
- Be sure to always perform the following steps before turning the stage piano on or off and either plugging or unplugging a USB cable.
  - Quit all applications.
  - Ensure that no data is being sent from the stage piano. (Data is transmitted by playing the keyboard.)
- When connected to a computer, allow at least 6 seconds to pass between turning the stage piano on and off and plugging or unplugging the USB cable.

### HINT

#### Selecting Performances from a Computer via MIDI

Performances on your CP5 or CP50 can be selected by sending MIDI messages from an application running on a connected computer. In specific terms, the following three MIDI messages must be sent to the instrument in order to successfully change Performances.

- Bank select MSB
- Bank select LSB
- Program change

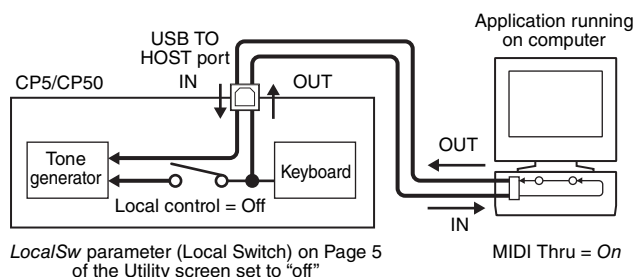
See the *MIDI Data Table* from the *Data List* pdf document for details regarding the bank select MSB, bank select LSB, and program change values assigned to each Performance.

## Activating & Deactivating Local Control

Normally, when playing your CP5 or CP50 in order to record its MIDI messages on a computer, those messages are sent directly to the computer, and from there, they are returned to the instrument in order to play the built-in tone generator. If local control of the stage piano is activated at this time (by setting the *LocalSw* parameter on Page 5 of the Utility screen to "on"), the data produced by playing the keyboard will also be sent directly to the tone generator, and as a result, the direct and returned messages will overlap, causing each note to be played twice in quick succession. Most applications allow MIDI Thru to be turned on or off, and therefore, you can setup your system in either of the following ways to play and record in comfort without each note being heard twice.

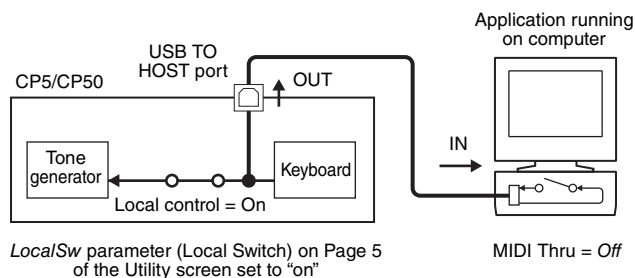
### ■ With application's MIDI Thru function activated:

In this case, local control of your CP5 or CP50 should be deactivated.



### ■ With application's MIDI Thru function deactivated:

In this case, local control of your CP5 or CP50 should be activated.



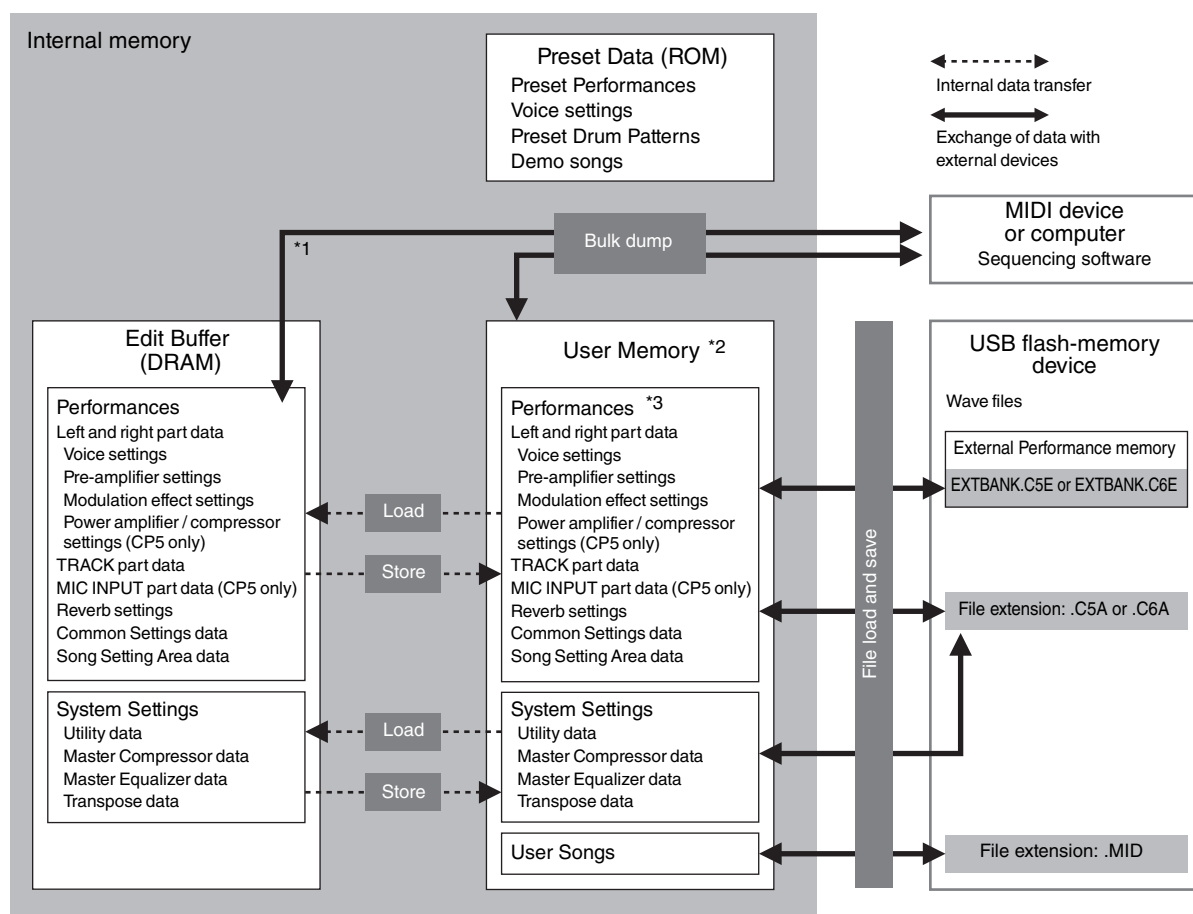
\*: MIDI Thru is a function that relays MIDI messages received at a MIDI IN connector directly to a MIDI OUT connector. With certain applications, this function is also known as MIDI Echo.

**NOTE** For more details on MIDI Thru, see the User's Manual that came with your computer application.

# Storing Settings

## Memory Structure

The following diagram shows the structure of the internal memory within your CP5 or CP50 and illustrates how data is exchanged with external devices.



\*1: The Bulk Dump function can be used only with data currently being edited in the Edit Buffer.

\*2: User Performance memory banks reside in the instrument's flash ROM; External Performance memories are loaded into the internal DRAM.

\*3: Both User Performance memories and External Performance memories are displayed here in the form of a single block.

## Flash ROM

As its name suggests, Read Only Memory (ROM) is a type of memory designed specifically for reading of data, and as such, it cannot usually be written to. Flash ROM differs from the conventional type in that it can be overwritten — allowing you to store and delete data. Furthermore, the content of flash ROM is maintained even when the power is turned off.

## DRAM

The term Random Access Memory (RAM) is used to describe memory designed for both reading and writing of data. RAM is categorized into two different types based on the way in which content is stored — namely, static RAM (SRAM) and dynamic RAM (DRAM). It is the latter type that is used for the Edit Buffer in your CP5 or CP50. As the data stored in DRAM is lost whenever the power is turned off, any important content should be transferred to flash ROM (i.e., User Memory) before doing so.

## Edit Buffer & User Memory

The name Edit Buffer is given to an area of memory used to edit a single Performance or system setting. As this memory area is non-permanent, its content must be stored in User Memory if it is to be reused. Furthermore, whenever a new Performance is selected, the entire content of the Edit Buffer will be overwritten with its data. It is important, therefore, that any Performance in the Edit Buffer be stored as soon as you are happy with it.

### Storing Settings

When you have finished editing a Performance, you can either store it within the stage piano's User Performance memory or save it in an External Performance memory. Master Compressor, Transpose, and Utility settings, on the other hand, are stored within User Memory as part of the instrument's system settings. Furthermore, the Bulk Dump function can be used to transfer the Performance currently being edited in the Edit Buffer to a connected MIDI device or DAW application for safekeeping.

**NOTE** The Common Settings screen can be used to change the name of the Performance currently being edited. For more details, refer to the *Reference Manual* pdf document.

#### NOTICE

**Whenever you store a Performance, the content at the selected location will be overwritten. It is wise, therefore, to regularly create backup copies of important Performances on a USB flash-memory device or the like.**

### ■ Storing a Performance

**NOTE** If you wish to save Performances within an External Performance memory on a USB flash-memory device, ensure that it is plugged into your CP5 or CP50 in advance.

- 1 When you are happy with the Performance being edited, press the [STORE] button. The Store screen will be displayed.

```
STORE      [CP Perf1 ]
           USR1:A02[CP Perf2 ]
```

- 2 Turn Knobs 1 and 2 to specify a location for storing the Performance in the form of a memory bank, group, and number.  
Before selecting an External Performance memory, ensure that the corresponding USB flash-memory device is plugged into the stage piano.

**NOTE** You can also use the control panel's Bank, Group, and Number buttons to select the location for storing.

- 3 Press the [ENTER] button to confirm your selection. You will be asked to confirm that you wish to proceed.
- 4 Press the [ENTER] button or Knob 1 (YES [PUSH]) to do so.  
When the Performance has been stored, the message "Completed." will be displayed on-screen, followed by the Performance screen for the stored Performance. If you do not wish to proceed, press either Knob 3 (NO [PUSH]) or the [EXIT] button when the confirmation screen from Step 3 is displayed.

#### NOTICE

**You should never turn off your CP5 or CP50 while the message "Please keep power on..." is displayed on-screen. If this precaution is not observed, the content of User Memory may be lost and system data may become corrupted, preventing your CP5 or CP50 from operating normally the next time it is turned on.**

### ■ Storing Master Compressor, Transpose & Utility Settings

To save modified Master Compressor, Transport, and Utility settings, press the [STORE] button on the corresponding screen. The modified data will be stored within User Memory as part of the stage piano's system settings.

```
<< Utility & MComp >>
<<      Stored.    >>
```

#### NOTICE

**You should never turn off your CP5 or CP50 while the message "Please keep power on..." is displayed on-screen. If this precaution is not observed, the content of User Memory may be lost and system data may become corrupted, preventing your CP5 or CP50 from operating normally the next time it is turned on.**

## ■ Saving Performances on Another Device

Using the Bulk Dump function, you can conveniently transfer the Performance in the Edit Buffer to a connected MIDI device or computer as MIDI data. This data can then be saved on the MIDI device or using a DAW application running on the computer. The following procedure describes how to use this function in combination with a DAW application.

**NOTE** For details on how to connect your CP5 or CP50 to a computer, see page 46.

**NOTE** In order to utilize the Bulk Dump function, the *DevNo* parameter (Device Number) from Page 6 of the Utility screen must be used to set the stage piano's device number correctly. For more details, refer to the *Reference Manual* pdf document.

## Saving a Performance

- 1 Navigate to Page 13 (C) of the Utility screen by pressing the [UTILITY] button, and if necessary, the [C] button. (See the *Reference Manual* pdf document for more details.)
- 2 Start recording MIDI data on the DAW application.
- 3 Press Knob 1 (*BulkDmp [PUSH]*), and when asked to confirm that you wish to proceed, press Knob 1 (*YES [PUSH]*) to do so.  
Your CP5 or CP50 will transmit the Performance currently within the Edit Buffer to the DAW application in the form of raw MIDI data, which the application will then record.
- 4 Stop recording on the DAW application and save the project file.

## Restoring a Performance

- 1 Open the DAW-application project file containing the MIDI data for the Performance that you wish to restore.
- 2 Start playback of the recorded MIDI data on the DAW application.

### NOTICE

**When your CP5 or CP50 receives data saved using the Bulk Dump function, the Performance currently being edited will be overwritten with it. Care should, therefore, be taken to avoid overwriting irreplaceable data.**

## Exchanging Files with USB Flash-Memory Devices

When a USB flash-memory device is plugged into your CP5 or CP50, you can use it to save the entire contents of User Memory and to load previously-saved Performances back into the stage piano. Furthermore, you can also create directories on memory devices and carry out various other file management operations such as renaming and deleting. As described below, each of these operations can be carried out from the File screen. (See the *Reference Manual* pdf document for more details.)

- 1 Plug a USB flash-memory device into the stage piano's USB TO DEVICE port.
- 2 Press the [FILE] button.  
The File screen will be displayed.
- 3 Use the [◀ PAGE] and [PAGE ▶] buttons to switch between this screen's pages, and press the knob corresponding to the operation you wish to perform.  
The screen for the selected operation will be displayed.
- 4 Set parameters as required using Knobs 1 to 3 and the [ENTER] button.  
For more details regarding file operations, refer to the *Reference Manual* pdf document.
- 5 When you have performed all of the required operations in the File screen, press the [EXIT] button.  
The Performance screen will be displayed.

### HINT

#### Setting a File for Automatic Loading

In order that you can quickly resume an editing session, it may be convenient to have your CP5 or CP50 automatically load a specific backup file whenever you turn it on. The correct way to setup this function is as follows.

- 1 Save the "All" file to be automatically loaded with the following name in the root directory of a USB flash-memory device.

File type		File name
All	CP5	AUTOLOAD.C5A
	CP50	AUTOLOAD.C6A

- 2 Press the [UTILITY] button to open the Utility screen, and if necessary, press the [A] button to jump to Page 11 (A).
- 3 Turn Knob 2 to set the *AutoLoad* parameter to "on", and then press the [STORE] button to store your setting.
- 4 Restart your CP5 or CP50.  
The "All" file that you saved on the USB flash-memory device in Step 1 will be automatically loaded.

## Restoring Initial Settings

The following procedure describes how to use the Factory Set function to restore User Memory to its initial condition.

### NOTICE

Whenever the Factory Set function is used to restore initial settings, all Performance data, all User Songs, and system settings within User Memory will be reset to the default condition. Care should, therefore, be taken to avoid overwriting irreplaceable data. Furthermore, it is wise to regularly create backup copies of important Performance data and system settings on a USB flash-memory device, computer, or the like.

- 1 Navigate to Page 13 (C) of the Utility screen by pressing the [UTILITY] button, and if necessary, the [C] button.
- 2 Press Knob 2 (*FactSet [PUSH]*).  
You will be asked to confirm that you wish to proceed.
- 3 Press Knob 1 (*YES [PUSH]*) or the [ENTER] button to restore the stage piano's initial settings.  
When the data has been restored, the message "Completed." will be displayed, followed by the Utility screen. If you do not wish to proceed, press either Knob 2 (*NO [PUSH]*) or the [EXIT] button.

### NOTICE

You should never turn off your CP5 or CP50 while the message "Please keep power on..." is displayed on-screen. If this precaution is not observed, the content of User Memory may be lost and system data may become corrupted, preventing your CP5 or CP50 from operating normally the next time it is turned on.



# Appendix

## Troubleshooting

If you should experience difficulties with your CP5 or CP50, such as an inability to produce any sound or the output becoming distorted, work through the following checklists in order to rectify the situation. Alternatively, the Factory Set function (page 51) can also be used to resolve problems after first creating a complete backup of the stage piano's data on an external device (page 52). If any specific problem should persist, however, please contact a Yamaha representative or authorized distributor (see the back of this booklet).

### The stage piano produces no sound.

- **Ensure that a stereo system, an amplifier and speakers, or headphones have been connected to your CP5 or CP50.**

This stage piano does not come with built-in speakers. In order to hear the sounds that it produces, therefore, you will need to connect headphones or an external amplifier and speakers (page 15).

- **Ensure that the stage piano and the connected audio equipment are turned on.**

- **Ensure that the master volume on your CP5 or CP50 and on the connected audio equipment are not set to an excessively low level.**

If a foot controller has been connected to the stage piano, try using it to increase the volume.

- **Ensure that MIDI volume or expression has not been set excessively low by an external MIDI controller.**

- **Ensure that your CP5 or CP50 has been correctly connected to the external audio equipment (such as an amplifier and speakers).**

- **Ensure that local control has not been turned off.**

If local control is turned off and your CP5 or CP50 is not being used together with a computer or another device returning MIDI messages, it will not be possible to produce any sound from the internal tone generator by playing the keyboard.

Press the [UTILITY] button → Jump to Page 5 by pressing the [5] button → Turn Knob 3 to set *LocalSw* to "on" → Press the [STORE] button to store this setting (page 48).

- **Ensure that no part volumes have been set to an excessively low level.**

- **Ensure that Part buttons are not turned off.**

If a Part button is turned off (i.e., if the lamp to its top-left is not lit), the part in question will not produce any sound. To remedy this situation, press the Part button and confirm that its lamp lights up.

- **Ensure that the output volumes for the Pre-Amplifier blocks and the Power-Amplifier / Compressor blocks (CP5 only) are not fully turned down.**

Each Pre-Amplifier block (voices from E.PIANO category only):

Press and hold the [PRE-AMP] button (for at least one second) → Jump to Page 4 by pressing the [4] button → Turn Knob 2 to set the *Volume* parameter to an appropriate level. (See the *Reference Manual* pdf document for more details.)

Each Power-Amplifier / Compressor block (CP5 only)

Press and hold the [PWR-AMP] button (for at least one second) → Set the volume to an appropriate level. (See the *Reference Manual* pdf document for more details.)

## The output from the stage piano sounds distorted.

### ■ Ensure that the volume is not too high.

Check the input levels of any mixer or amplifier connected to your CP5 or CP50. If lowering the input gain or pressing the corresponding pad button does not remove the distortion, try lowering the stage piano's output volume.

### ■ Ensure that the Pre-Amplifier blocks, the Modulation Effect blocks, and the Power-Amplifier / Compressor blocks (CP5 only) are set appropriately.

Certain combinations of settings can produce distortion.

Press and hold (for at least one second) the [PRE-AMP], [MOD-FX], and [PWR-AMP]\* buttons. (See the *Reference Manual* pdf document for more details.) (\*: CP5 only)

## Sound output is intermittent and stuttered.

### ■ If the total number of notes being played by all parts is too high, the stage piano's output may become intermittent and stuttered.

## Unexpected pitches are produced.

### ■ Ensure that transpose and tuning parameters are set to 0.

Press the [TRANPOSE] button → Turn Knob 1 to set the *Transpose* parameter.  
Press the [UTILITY] button → Jump to Page 1 by pressing the [1] button → Turn Knob 1 to set the *MasterTune* parameter.

### ■ Ensure that note shift and detune parameters for the left and right parts are set to 0.

Press and hold (for at least one second) the Part button for each of the left and right parts → Jump to Page 2 by pressing the [2] button → Turn Knobs 1 and 2 to set the *NoteSht* and *Detune* parameters.

## A Pre-Amplifier, Modulation Effect, or Power-Amplifier / Compressor\* block or the Reverb block has no effect on the final sound. (\*: CP5 only)

### ■ Ensure that the [PRE-AMP], [MOD-FX], [PWR-AMP] (CP5 only), and [REVERB] buttons are turned on as required.

If a Block button is turned off (i.e., if the lamp to its top-left is not lit), its respective block will also be off and will not affect the sound in any way. To remedy this situation, press the Block button and confirm that its lamp lights up.

### ■ In cases where a Pre-Amplifier block seems to be having no effect on the sound, ensure that a voice from the PIANO or E.PIANO category has been assigned to the part in question.

Voices from other categories are not affected in any way by this block.

### ■ In cases where a Modulation Effect block seems to be having no effect on the sound, ensure that its parameters have been set appropriately.

Press and hold the [MOD-FX] button (for at least one second). (See the *Reference Manual* pdf document for more details.)

## The Edit Indicator (E) appears even though nothing has been edited.

- The Edit Indicator may appear when parameter settings are changed as a result of knobs being turned or the stage piano's internal tone generator being played by an external MIDI device.

## The backing track does not start to play when the [▶/||] (Play / Pause) button is pressed.

- If you have selected a User Song for use as the backing track, ensure that it contains data.
- Ensure that the [TRACK] button is turned on (i.e., the lamp is lit).
- Ensure that the stage piano's internal clock is being used for MIDI synchronization.

Press the [UTILITY] button → Jump to Page 6 by pressing the [6] button → Turn Knob 3 to set the *MIDISyn* parameter to "int" or "auto".

## User Songs and Wave files cannot be recorded.

- Ensure that there is sufficient memory available for recording a User Song internally or a Wave file on the plugged-in USB flash-memory device.

### User Songs:

Press the [SONG SETTING] button → Jump to Page 4 by pressing the [4] button → *MemInfo*.

### Wave files:

Press the [FILE] button → Jump to Page 2 by pressing the [2] button → Press Knob 3 (*MemInfo*) to display memory-related information.

- Ensure that an empty User Song is available for recording (page 41).

If a Preset Drum Pattern or a Wave file has been set as the current Performance's backing track, it will not be possible to record over a previously recorded User Song. Instead, an empty User Song will be automatically selected. If, however, no empty User Songs are available, you will need to free up some memory by deleting unneeded User Songs or to set an unneeded User Song as the current Performance's backing track so that it can be overwritten.

## Sound input via a connected microphone cannot be heard properly.

- Ensure that the [GAIN] knob has not been turned fully down.
- Ensure that the [MIC INPUT] button is turned on (i.e., the lamp to its top-left is lit).

## Data exchange with a computer is not working.

- Ensure that the computer's port settings are correct.
- Ensure that the interface selected for the exchange of MIDI messages (i.e., USB or MIDI) matches the actual physical connections that have been made (page 45).

Press the [UTILITY] button → Jump to Page 6 by pressing the [6] button → Turn Knob 2 to set the *In/Out* parameter appropriately → Press the [STORE] button to store this setting.

## No sound is produced by your CP5 or CP50 when a sequence is played on a connected computer or MIDI device.

- Confirm that the channel being used by the computer to transmit MIDI data matches the stage piano's receive channel.

Press the [UTILITY] button → Jump to Page 5 by pressing the [5] button → Turn Knob 1 to set the *RcvCh* parameter appropriately.

## Transmission and reception of data using the Bulk Dump function is not working.

- If you are having trouble transmitting data, ensure that the stage piano's device number setting matches the device number of the connected MIDI device.

Press the [UTILITY] button → Jump to Page 6 by pressing the [6] button → Turn Knob 1 to set the *DevNo.* parameter appropriately.

- If you are having trouble receiving data, ensure that the device number setting is identical to that used when sending the data.

Press the [UTILITY] button → Jump to Page 6 by pressing the [6] button → Turn Knob 1 to set the *DevNo.* parameter appropriately → Press the [STORE] button to store this setting (page 51).

## Data cannot be saved on a USB flash-memory device.

- Ensure that the USB flash-memory device is not write protected.
- Ensure that the USB flash-memory device is correctly formatted.

Press the [FILE] button → Jump to Page 2 by pressing the [2] button → Press Knob 2 to format the USB flash-memory device. (See the *Reference Manual* pdf document for more details.)

- Ensure that you are using a type of USB flash-memory device supported by your CP5 or CP50 (page 25).
- Ensure that the USB flash-memory device is not connected via a USB hub.  
Connection via USB hubs is not supported (page 25).

# On-screen Messages

Message	Description
Are You Sure? [YES]/[NO]	This message is displayed to confirm whether or not you wish to proceed with the selected operation.
Auto volume boost with this file name!	This message is displayed whenever a Wave file is named with } and { characters as the 7th and 8th characters. The level of Wave files with } and { characters in these positions is automatically increased for playback on your CP5 or CP50. As a result, naming in this way could result in unexpectedly high volumes.
Completed.	This message is displayed when the selected operation has been completed.
Connected USB device is not supported.	This message is displayed if the USB flash-memory device plugged into the USB TO DEVICE port is not supported by your CP5 or CP50.
Connecting to USB device...	This message is displayed while the USB flash-memory device plugged into the USB TO DEVICE port is being mounted.
Device number is off.	This message is displayed if the Bulk Dump function cannot be used due to a device number not having been set.
Device number mismatch.	This message is displayed if the Bulk Dump function cannot be used due to a mismatch in device numbers.
Error storing user memory.	This message is displayed if an error occurs when storing settings in User Memory. As this may indicate that User Memory has been damaged, you should contact a Yamaha representative or authorized distributor (see the back of this booklet) for assistance.
Executing...	This message is displayed while your CP5 or CP50 is busy processing data. You should never turn off the stage piano while it is in this state.
File already exists.	This message is displayed if a file with the same name as the one you are about to save already exists.
File is not found.	This message is displayed if no file of the selected type exists.
Illegal file name.	This message is displayed if the file name you entered is invalid.
Illegal file.	This message is displayed if the file selected for loading is unsuitable for use with your CP5 or CP50 or is unsuitable for the current mode.
Illegal format.	This message is displayed if a Format 1 file is selected for Wave file playback or MIDI file loading.
Load?(EXT Perf) [YES]/[NO]	This message is displayed to confirm whether or not you wish to load the External Performance memory (EXTBANK.C5E or EXTBANK.C6E) from a USB flash-memory device plugged into the stage piano, thus overwriting the current External Performance memory. Specifically, it is displayed if a USB flash-memory device with an EXTBANK.C5E or EXTBANK.C6E file in its root directory is plugged into the USB TO DEVICE port after an External Performance memory has previously been loaded into the instrument.
Loading... [EXIT] to cancel.	This message is displayed while your CP5 or CP50 is busy loading a file.
Making external memory...	This message is displayed while your CP5 or CP50 is busy making an External Performance memory on a USB flash-memory device plugged into the USB TO DEVICE port.
MIDI buffer full.	This message is displayed if the volume of MIDI data received is too large to process.
MIDI checksum err.	This message is displayed if the checksum for received system-exclusive MIDI data is incorrect.
MIDI data error.	This message is displayed if an error occurs while receiving MIDI data.
No more files can be created.	This message is displayed if no additional files can be created on the USB flash-memory device.
Overwrite? [YES]/[NO]	This message is displayed when saving files to confirm whether or not you wish to overwrite a file of the same name already present on the USB flash-memory device.
Please keep power on...	This message is displayed while your CP5 or CP50 is writing data to its flash ROM. You should never turn off the stage piano while it is in this state. If this precaution is not observed, User Memory data may be lost or the internal system may be damaged, rendering the instrument unable to startup normally when it is next turned on.

Message	Description
Please select a left or right part.	This message is displayed if the [VOICE], [PRE-AMP], [MOD-FX], or [PWR-AMP] button is pressed even though the currently selected part is not a left or right part. The blocks corresponding to these buttons can only process sound from the left and right parts.
Please select a piano voice.	This message is displayed if the [PRE-AMP] button is pressed even though the currently selected part has been assigned a non-piano voice. The Pre-Amplifier block can only process sound from parts with a PIANO or E.PIANO voice.
Please stop sequencer.	This message is displayed to remind you to stop backing-track playback.
Read only file.	This message is displayed if you attempt to delete, rename, or overwrite a read-only file.
Receiving MIDI bulk...	This message is displayed while your CP5 or CP50 is busy receiving data created using the Bulk Dump function.
Recording...	This message is displayed while your CP5 or CP50 is busy recording a User Song or Wave file.
Recording stopped.	This message is displayed if recording was stopped as a result of insufficient sequencer memory.
Saving... [EXIT] to cancel.	This message is displayed while your CP5 or CP50 is busy saving a file.
Scanning autoloading files.	This message is displayed while your CP5 or CP50 is busy scanning for a file to be loaded automatically.
Seq data is empty.	This message is displayed if you attempt to save a User Song that does not contain any data.
Seq data is not empty.	This message is displayed if you attempt to record a User Song even though all User Songs already contain data.
Seq memory full.	This message is displayed if recording, reception of MIDI data, or the loading of data from a USB flash-memory device cannot be carried out as a result of the stage piano's internal sequencer memory already being full. In order to remedy this situation, unneeded User Songs should be deleted.
Transmitting MIDI bulk...	This message is displayed while your CP5 or CP50 is busy transmitting MIDI bulk data.
USB communication failed.	This message is displayed if an error occurs while communicating with a USB flash-memory device.
USB connection terminated.	This message is displayed if connection with a USB flash-memory device was lost due to abnormal electric current.
USB device full.	This message is displayed if a USB flash-memory device is full and no more files can be saved on it. In such a case, use a new USB flash-memory device or make space by erasing unwanted data from the current device.
USB device is not responding.	This message is displayed if the USB flash-memory device plugged into the USB TO DEVICE port fails to respond.
USB device not ready.	This message is displayed if a USB flash-memory device has not been correctly plugged into your CP5 or CP50.
USB device read/write error.	This message is displayed if an error occurs while reading data from, or writing data to, a USB flash-memory device.
USB device unformatted.	This message is displayed if the plugged-in USB flash-memory device is either unformatted or formatted in a way that your CP5 or CP50 does not support. In such a case, check the content of the USB flash-memory device.
USB device write protected.	This message is displayed if the USB flash-memory device has been write protected.
USB power consumption exceeded.	This message is displayed if the current being drawn by the USB flash-memory device exceeds the level supported by your CP5 or CP50.
Utility & MComp stored.	This message is displayed when Utility settings, Master Compressor settings, and other system settings have been successfully stored.
Working...	This message is displayed while your CP5 or CP50 is saving or loading data or when the [EXIT] button has been pressed to cancel an operation. It will disappear when the processing required for cancellation has been completed.

## About the accessory disk

### SPECIAL NOTICE

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- This disk is NOT for audio/visual purpose. Do not attempt to play the disk on an audio/visual CD/DVD player. Doing so may result in irreparable damage to your player.

### About the DAW software in the accessory disk

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The accessory disk contains DAW software both for Windows and Macintosh.

- NOTE**
- Make sure to install DAW software under the "Administrator" account.
  - In order to have continuous use of the DAW software in the accessory disk, including support and other benefits, you will need to register the software and activate your software license by starting the software while the computer is connected to the Internet. Click the "Register Now" button shown when the software is started, then fill in all required fields for registration. If you do not register the software, you will be unable to use it after a limited period of time expires.
  - If you are using a Macintosh computer, double-click the "\*\*\*\*.mpkg" file to start installation.

For information about the minimum system requirements and latest information on the software in the disk, check the web site below.

<<http://www.yamahasynth.com/>>

### About software support

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Support for the DAW software in the accessory disk is provided by Steinberg on its website at the following address.  
<http://www.steinberg.net>

You can visit the Steinberg site also via the Help menu of the included DAW software. (The Help menu also includes the PDF manual and other information on the software.)

#### IMPORTANT

**Note that Yamaha does not offer technical support for the DAW software in the accessory disk.**

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## Specifications

Item	Details	
	CP5	CP50
<b>Keyboard</b>	88-key weighted wooden keyboard with synthetic ivory keytops	88-key weighted hammer-action keyboard
<b>Maximum Polyphony</b>	128 notes	
<b>Performance</b>	Preset: 3 banks x 4 groups x 10 Performances User: 3 banks x 4 groups x 10 Performances (initially identical to Preset Performances) External: 3 banks x 4 groups x 10 Performances (loaded from a USB flash-memory device)	
<b>Parts</b>	6	3
<b>Effects</b>	<ul style="list-style-type: none"> <li>• Pre-Amplifier blocks</li> <li>• Modulation Effect blocks</li> <li>• Power-Amplifier / Compressor blocks*</li> <li>• Reverb block</li> <li>• Master Compressor block</li> <li>• Master Equalizer block (5-band)</li> <li>• Microphone effects*</li> <li>• Microphone insertion effects</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-Amplifier blocks</li> <li>• Modulation Effect blocks</li> <li>• Reverb block</li> <li>• Master Compressor block</li> <li>• Master Equalizer block (3-band)</li> </ul>
<b>Controllers</b>	<ul style="list-style-type: none"> <li>• Pitch bend wheel</li> <li>• [MASTER VOLUME] dial</li> <li>• [GAIN] knob</li> <li>• Part Volume knobs</li> <li>• Knobs 1 to 3</li> <li>• [MASTER EQUALIZER] knobs</li> </ul>	<ul style="list-style-type: none"> <li>• Pitch bend wheel</li> <li>• [MASTER VOLUME] dial</li> <li>• Part Volume knobs</li> <li>• Knobs 1 to 3</li> <li>• [MASTER EQUALIZER] knobs</li> </ul>
<b>Display</b>	24 character x 2 row, vacuum fluorescent display (VFD)	
<b>Connectors</b>	<ul style="list-style-type: none"> <li>• Unbalanced [L/MONO] and [R] output jacks (standard mono-phone)</li> <li>• Balanced [L] and [R] XLR output connectors</li> <li>• [MIC INPUT] combo jack</li> <li>• Headphones jack (stereo-phone)</li> <li>• [SUSTAIN] and [ASSIGNABLE] foot-switch jacks ([SUSTAIN] supporting half-damper playing)</li> <li>• Foot-controller jack(s)</li> <li>• MIDI [IN], [OUT], and [THRU] connectors</li> <li>• USB TO DEVICE port</li> <li>• [USB TO HOST] port</li> <li>• [AC IN] socket</li> </ul>	<ul style="list-style-type: none"> <li>• Unbalanced [L/MONO] and [R] output jacks (standard mono-phone)</li> <li>• Headphones jack (stereo-phone)</li> <li>• [SUSTAIN] and [ASSIGNABLE] foot-switch jacks ([SUSTAIN] supporting half-damper playing)</li> <li>• Foot-controller jack(s)</li> <li>• MIDI [IN], [OUT], and [THRU] connectors</li> <li>• [USB TO DEVICE] port</li> <li>• [USB TO HOST] port</li> <li>• DC IN connector</li> </ul>
<b>Power consumption</b>	25 W	7 W
<b>Dimensions (W x D x H; not including pedal)</b>	1,381 x 405 x 174 mm	1,381 x 332 x 165 mm
<b>Weight (not including pedal)</b>	25.2 kg	20.9 kg
<b>Package Contents</b>	<ul style="list-style-type: none"> <li>• Power cord</li> <li>• FC3 foot pedal</li> <li>• <i>Owner's Manual</i></li> <li>• Owner's Manual CD-ROM (containing <i>Reference Manual</i> and <i>Data List</i>)</li> <li>• Software DVD-ROM</li> </ul>	<ul style="list-style-type: none"> <li>• PA-150 or an equivalent recommended by Yamaha</li> <li>• FC3 foot pedal</li> <li>• <i>Owner's Manual</i></li> <li>• Owner's Manual CD-ROM (containing <i>Reference Manual</i> and <i>Data List</i>)</li> <li>• Software DVD-ROM</li> </ul>

Specifications and descriptions in this owner's manual are for information purposes only. Yamaha Corp. reserves the right to change or modify products or specifications at any time without prior notice. Since specifications, equipment or options may not be the same in every locale, please check with your Yamaha dealer.

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## FCC INFORMATION (U.S.A.)

### 1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

### 2. IMPORTANT:

When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

### 3. NOTE:

This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices.

Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA90620

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

\* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA.

(class B)

## COMPLIANCE INFORMATION STATEMENT (DECLARATION OF CONFORMITY PROCEDURE)

Responsible Party : Yamaha Corporation of America  
Address : 6600 Orangethorpe Ave., Buena Park, Calif. 90620  
Telephone : 714-522-9011  
Type of Equipment : STAGE PIANO  
Model Name : CP5, CP50

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

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

See user manual instructions if interference to radio reception is suspected.

\* This applies only to products distributed by  
YAMAHA CORPORATION OF AMERICA.

(FCC DoC)

The serial number of this product may be found on the rear of the unit. You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.

**Model No.**

**Serial No.**

(rear)

### CP50

#### OBSERVERA!

Apparaten kopplas inte ur växelströmskällan (nätet) så länge som den är ansluten till vägguttaget, även om själva apparaten har stängts av.

**ADVARSEL:** Netspændingen til dette apparat er IKKE afbrudt, så længe netledningen sidder i en stikkontakt, som er tændt — også selvom der er slukket på apparatets afbryder.

**VAROITUS:** Laitteen toisiopiiriin kytketty käyttökytin ei irroita koko laitetta verkosta.

(standby)

### CP5

## IMPORTANT NOTICE FOR THE UNITED KINGDOM Connecting the Plug and Cord

**WARNING:** THIS APPARATUS MUST BE EARTHED IMPORTANT. The wires in this mains lead are coloured in accordance with the following code:

GREEN-AND-YELLOW : EARTH  
BLUE : NEUTRAL  
BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol ⊕ or colored GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

(3 wires)

### CP50

## IMPORTANT NOTICE FOR THE UNITED KINGDOM Connecting the Plug and Cord

**IMPORTANT.** The wires in this mains lead are coloured in accordance with the following code:

BLUE : NEUTRAL  
BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.

(2 wires)

## Information for Users on Collection and Disposal of Old Equipment



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

### [For business users in the European Union]

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

### [Information on Disposal in other Countries outside the European Union]

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

(weee\_eu)

# Important Notice: Guarantee Information for customers in European Economic Area (EEA) and Switzerland

English	
Important Notice: Guarantee Information for customers in EEA* and Switzerland For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country. * EEA: European Economic Area	
Deutsch	
Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz Für nähere Garantie-Information über dieses Produkt von Yamaha, sowie über den EWR*- und Schweizer Garantieservice, besuchen Sie bitte entweder die folgend angegebene Internetadresse (eine druckfähige Version befindet sich auch auf unserer Webseite), oder wenden Sie sich an den für Ihr Land zuständigen Yamaha-Vertrieb. *EWR: Europäischer Wirtschaftsraum	
Français	
Remarque importante: informations de garantie pour les clients de l'EEE et la Suisse Pour des informations plus détaillées sur la garantie de ce produit Yamaha et sur le service de garantie applicable dans l'ensemble de l'EEE ainsi qu'en Suisse, consultez notre site Web à l'adresse ci-dessous (le fichier imprimable est disponible sur notre site Web) ou contactez directement Yamaha dans votre pays de résidence. * EEE : Espace Economique Européen	
Nederlands	
Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland Voor gedetailleerde garantie-informatie over dit Yamaha-product en de garantieservice in heel de EER* en Zwitserland, gaat u naar de onderstaande website (u vindt een afdrukbaar bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land. * EER: Europese Economische Ruimte	
Español	
Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza Para una información detallada sobre este producto Yamaha y sobre el soporte de garantía en la zona EEE* y Suiza, visite la dirección web que se incluye más abajo (la versión del archivo para imprimir este disponible en nuestro sitio web) o póngase en contacto con el representante de Yamaha en su país. * EEE: Espacio Económico Europeo	
Italiano	
Aviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera Per informazioni dettagliate sulla garanzia relativa a questo prodotto Yamaha e l'assistenza in garanzia nei paesi EEA* e in Svizzera, potete consultare il sito Web all'indirizzo riportato di seguito (è disponibile il file in formato stampabile) oppure contattare l'ufficio di rappresentanza locale della Yamaha. * EEA: Area Economica Europea	
Português	
Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça Para obter uma informação pormenorizada sobre este produto da Yamaha e sobre o serviço de garantia na AEE* e na Suíça, visite o site a seguir (o arquivo para impressão está disponível no nosso site) ou entre em contato com o escritório de representação da Yamaha no seu país. * AEE: Área Económica Europeia	
Ελληνικά	
Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελλάδα Για λεπτομερείς πληροφορίες εγγύησης σχετικά με το προϊόν προϊόν της Yamaha και την κάλυψη εγγύησης σε όλες τις χώρες του ΕΟΧ και την Ελλάδα, επισκεφτείτε την παρακάτω ιστοσελίδα (Εκτυπώσιμη μορφή είναι διαθέσιμη στην ιστοσελίδα μας) ή απευθυνθείτε στην αντιπροσωπεία της Yamaha στη χώρα σας. * ΕΟΧ: Ευρωπαϊκός Οικονομικός Χώρος	
Svenska	
Viktigt: Garantiinformation för kunder i EES-området* och Schweiz För detaljerad information om denna Yamaha-produkt samt garantiservice i hela EES-området* och Schweiz kan du antingen besöka nedanstående webbadress (en utskriftsvänlig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land. * EES: Europeiska Ekonomiska Samarbetsområdet	
Norsk	
Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits Detaljert garantiinformasjon om dette Yamaha-produktet og garantiservice for hele EØS-området* og Sveits kan fås enten ved å besøke nettsidene nedenfor (utskriftsversjon finnes på våre nettsider) eller kontakte Yamahas-kontoret i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet	
Dansk	
Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz De kan finde detaljerede garantioplysninger om dette Yamaha-produkt og den fælles garantiserviceordning for EØO* (og Schweiz) ved at besøge det websted, der er angivet nedenfor (der findes en fil, som kan udskrives, på vores websted), eller ved at kontakte Yamahas nationale repræsentationskontor i det land, hvor De bor. * EØO: Det Europæiske Økonomiske Område	

Suomi	
Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille Tämän Yamaha-tuotteen sekä ETA-alueen ja Sveitsin takuuta koskevat yksityiskohtaiset tiedot saatte alla olevasta nettiosoitteesta. (Tulostettava tiedosto saatavissa sivustollamme.) Voitte myös ottaa yhteyttä paikalliseen Yamaha-edustajaan. *ETA: Euroopan talousalue	
Polski	
Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii Aby dowiedzieć się więcej na temat warunków gwarancyjnych tego produktu firmy Yamaha i serwisu gwarancyjnego w całym EOG* i Szwajcarii, należy odwiedzić wskazaną poniżej stronę internetową (plik gotowy do wydruku znajduje się na naszej stronie internetowej) lub skontaktować się z przedstawicielstwem firmy Yamaha w swoim kraju. * EOG — Europejski Obszar Gospodarczy	
Česky	
Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku Podrobné záruční informace o tomto produktu Yamaha a záručním servisu v celém EHS* a ve Švýcarsku naleznete na níže uvedeném webovém adrese (soubor k tisku je dostupný na našich webových stránkách) nebo se můžete obrátit na zastoupení firmy Yamaha ve své zemi. * EHS: Evropský hospodářský prostor	
Magyar	
Fontos figyelmeztetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára A jelen Yamaha termékre vonatkozó részletes garancia-információk, valamint az EGT*-re és Svájcra kiterjedő garanciális szolgáltatás tekintetében keressék fel webhelyünket az alábbi címen (a webhelyen nyomtatható fájlt is talál), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviselői iróddal. * EGT: Európai Gazdasági Térség	
Eesti keel	
Oluline märkus: Garantiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele Täpsema teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval printitav fail) või pöörduge Tele regiooni Yamaha esinduse poole. * EMP: Euroopa Majanduspiirkond	
Latviesu	
Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicā Lai saņemtu detalizētu garantijas informāciju par šo Yamaha produktu, kā arī garantijas apkalpošanu EEZ* un Šveicā, lūdzu, apmeklējiet zemāk norādīto tīmekļa vietnes adresi (tīmekļa vietnē ir pieejams drukājams fails) vai sazinieties ar jūsu valsti apkalpojošo Yamaha pārstāvniecību. * EEZ: Eiropas Ekonomikas zona	
Lietuvių kalba	
Dėmesio: Informacija dėl garantijos pirkeėjams EEE* ir Šveicarijoje Jei reikia išsamios informacijos apie šį „Yamaha“ produktą ir jo techninę priežiūrą visoje EEE* ir Šveicarijoje, apsilankykite mūsų svetainėje toliau nurodytu adresu (svetainėje yra spausdinamas failas) arba kreipkitės į „Yamaha“ atstovybę savo šaliai. *EEE – Europos ekonominė erdvė	
Slovenčina	
Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku Podrobné informácie o záruke týkajúce sa tohto produktu od spoločnosti Yamaha a garancijnom servise v EHP* a Švajčiarsku nájdete na webovej stránke uvedenej nižšie (na našej webovej stránke je k dispozícii súbor na tlač) alebo sa obráťte na zástupcu spoločnosti Yamaha vo svojej krajine. * EHP: Európsky hospodársky priestor	
Slovensčina	
Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in Švici Za podrobnejše informacije o tem Yamahinem izdelku ter garancijskem servisu v celotnem EGP in Švici, obiščite spletno mesto, ki je navedeno spodaj (natisljiva datoteka je na voljo na našem spletnem mestu), ali se obrnite na Yamahinega predstavnika v svoji državi. * EGP: Evropski gospodarski prostor	
Български език	
Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария За подробна информация за гаранцията за този продукт на Yamaha и гаранционното обслужване в паневропейската зона на ЕИП* и Швейцария или посетете посочения по-долу уеб сайт (на нашия уеб сайт има файл за печат), или се свържете с представителния офис на Yamaha във вашата страна. * ЕИП: Европейско икономическо пространство	
Limba română	
Notificare importantă: Informații despre garanție pentru clienții din SEE* și Elveția Pentru informații detaliate privind acest produs Yamaha și serviciul de garanție Pan-SEE* și Elveția, vizitați site-ul la adresa de mai jos (fișierul imprimabil este disponibil pe site-ul nostru) sau contactați biroul reprezentanței Yamaha din țara dumneavoastră. * SEE: Spațiul Economic European	

<http://europe.yamaha.com/warranty/>



For details of products, please contact your nearest Yamaha representative or the authorized distributor listed below.

Pour plus de détails sur les produits, veuillez-vous adresser à Yamaha ou au distributeur le plus proche de vous figurant dans la liste suivante.

Die Einzelheiten zu Produkten sind bei Ihrer unten aufgeführten Niederlassung und bei Yamaha Vertragshändlern in den jeweiligen Bestimmungsländern erhältlich.

Para detalles sobre productos, contacte su tienda Yamaha más cercana o el distribuidor autorizado que se lista debajo.

## NORTH AMERICA

### CANADA

**Yamaha Canada Music Ltd.**  
135 Milner Avenue, Scarborough, Ontario,  
M1S 3R1, Canada  
Tel: 416-298-1311

### U.S.A.

**Yamaha Corporation of America**  
6600 Orangethorpe Ave., Buena Park, Calif. 90620,  
U.S.A.  
Tel: 714-522-9011

## CENTRAL & SOUTH AMERICA

### MEXICO

**Yamaha de México S.A. de C.V.**  
Calz. Javier Rojo Gómez #1149,  
Col. Guadalupe del Moral  
C.P. 09300, México, D.F., México  
Tel: 55-5804-0600

### BRAZIL

**Yamaha Musical do Brasil Ltda.**  
Rua Joaquim Floriano, 913 - 4º andar, Itaim Bibi,  
CEP 04534-013 Sao Paulo, SP. BRAZIL  
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