YAMAHA

DIGITAL WORKSTATION

PSR-S910
PSR-S710

Owner's Manual

Thank you for purchasing this Yamaha Digital Workstation!

We recommend that you read this manual carefully so that you can fully take advantage of the advanced and convenient functions of the instrument.

We also recommend that you keep this manual in a safe and handy place for future reference.

Before using the instrument, be sure to read "PRECAUTIONS" on pages 6-7.

EN

SPECIAL MESSAGE SECTION

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.

WARNING: Do not place this product in a position where anyone could walk on, trip over, or roll anything over power or connecting cords of any kind. The use of an extension cord is not recommended! If you must use an extension cord, the minimum wire size for a 25' cord (or less) is 18 AWG. NOTE: The smaller the AWG number, the larger the current handling capacity. For longer extension cords, consult a local electrician.

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.

Some Yamaha products may have benches and / or accessory mounting fixtures that are either supplied with the product or as optional accessories. Some of these items are designed to be dealer assembled or installed. Please make sure that benches are stable and any optional fixtures (where applicable) are well secured BEFORE using.
Benches supplied by Yamaha are designed for seating only. No other uses are recommended.

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 bottom 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 _____

PLEASE KEEP THIS MANUAL

92-BP (bottom)

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)

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

ADVARSEL: Netspændingen til dette apparat er IKKE afbrudt, sålænge netledningen siddr i en stikkontakt, som er t endt — også selvom der or slukket på apparatets afbryder.

VAROITUS: Laitteen toisiopiiriin kytketty käyttökytkin ei irroita koko laitetta verkosta.

(standby)

CANADA

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

• This applies only to products distributed by Yamaha Canada Music Ltd. (class B)
• Ceci ne s'applique qu'aux produits distribués par Yamaha Canada Musique Ltée.

Welcome to Digital Workstation

Explore the Demos   *Starting Up*

The Demos showcase the variety of stunning Voices and Styles on the instrument, and give you hands-on experience using it.
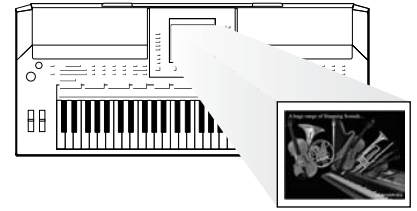
Play a Wide Variety of Instrument Voices   *Chapter 1 Voices*

The instrument gives you not only various realistic piano Voices, but also features an exceptionally wide variety of authentic instruments, both acoustic and electronic.

VOICE

PIANO	GUITAR & BASS	ORGAN	ACCORDION & HARMONICA	PERC. & DRUM KIT
E. PIANO	SAXOPHONE	TRUMPET	CHOIR & PAD	ORGAN FLUTES
STRINGS	FLUTE & WOODWIND	BRASS	SYNTH. & FX	USER

Perform Along with a Backing Band   *Chapter 2 Styles*

Playing a chord with your left hand automatically plays the auto accompaniment backing (Style function). Select an accompaniment style — such as pop, jazz, Latin, and various other music genres in the world — and let the instrument be your backing band!

STYLE

POP & ROCK	SWING & JAZZ	LATIN	ENTER-TAINER
BALLAD	R & B	BALLROOM	WORLD
DANCE	COUNTRY	MOVIE & SHOW	USER

Play Along with Song Data   *Chapter 3 Songs*

**Playing Back Songs** ....page 49

Play along with a Song data, and fill out your solo performance with the sounds of an entire band or orchestra. Enjoy a wide variety of songs — commercially available music data or preset songs.

Displaying Music Score ....page 52

While playing back a Song, you can have the music score (notation) automatically shown on the display — an exceptionally convenient tool for learning and practicing pieces.

Recording Your Performance ....page 56

The instrument lets you easily record your own performance and save it to internal memory or a USB flash memory. The instrument also lets you listen back to your performance, and further edit it or utilize it for your music production.
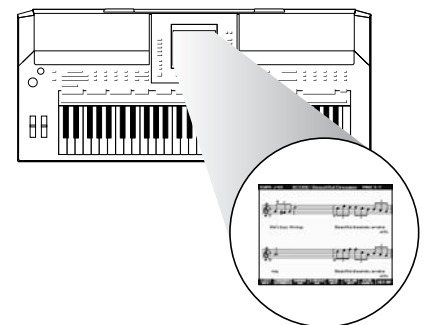
Add Phrases and Rhythms to Your Performance

Chapter 4 Multi Pads

The instrument can add spice to your performance
with short phrases and rhythms.

Call Up the Ideal Voice and Style for Each Song

Chapter 5 Music Finder

By using the convenient Music Finder function, you can call up the ideal panel settings including the most
suitable Voice, Style, effects, etc. for each song. By registering the Song/audio data saved in various places into
Music Finder, the instrument can call up song data easily from the song title. Moreover, the Music Finder Plus
function gives you the capability, by connecting the instrument to the Internet, of searching for and adding
desired panel settings and song data via the Internet to the instrument.

Audio Playing and Recording from USB Flash Memory

Chapter 7 USB Audio

Audio files (WAV or MP3*) stored to USB flash memory can be
played back on the instrument.
Moreover, you can record your performance as audio data to a USB
flash memory device.
On the PSR-S910, connect a microphone to the instrument and
enjoy recording your singing along with the keyboard performance.
* The MP3 format is supported only by the PSR-S910.
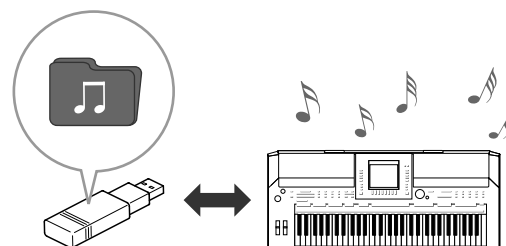
Connect Directly to the Internet

Chapter 9 Internet Direct Connection

The instrument also connects directly to the Internet, letting you
download Song and Style data from special websites, and save
them to internal memory or a USB storage device.
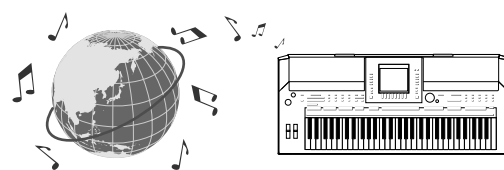
Add vocal backing to your singing (PSR-S910)

*Chapter 10 Connections
(Connecting a Microphone or Guitar)*

The amazing Vocal Harmony feature automatically produces backup
vocal harmonies for lead vocals that you sing into a microphone. You
can even change the gender of the harmony voices — for example,
letting you add female backup to your own male voice (or vice versa).

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/AC power adaptor

- 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 105) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.
- Do not place the AC adaptor 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.

Do not open

- Do not open the instrument or attempt to disassemble the internal parts or modify them in any way. The instrument contains no user-serviceable parts. 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

- If the AC adaptor cord or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the instrument, or if any unusual smells or smoke should appear to be caused by it, immediately turn off the power switch, disconnect the adaptor plug from the outlet, and have the instrument inspected by qualified Yamaha service personnel.

⚠ 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/AC power adaptor

- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord.
- Unplug the AC power adaptor when not using the instrument, or during electrical storms.
- 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.

Location

- 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 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 place the instrument in an unstable position where it might accidentally fall over.
- Before moving the instrument, remove all connected adaptor and other 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.
- Use only the stand specified for the instrument. When attaching the stand or rack, use the provided screws only. Failure to do so could cause damage to the internal components or result in the instrument falling over.
- Do not place objects in front of the instrument's air vent, since this may prevent adequate ventilation of the internal components, and possibly result in the instrument overheating.

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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. Also, 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.

Maintenance

- When cleaning the instrument, use a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

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. If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor 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.

Saving data

Saving and backing up your data

- Edited Songs/Styles/Voices/Multi Pads and MIDI settings are lost when you turn off the power to the instrument. Save the data to the USER tab display (page 58), USB storage device (USB flash memory, etc.).
- Data in the USER tab display may be lost due to malfunction or incorrect operation. Save important data to a USB storage device.

When you change settings in a display page and then exit from that page, Data other than above (edited Songs/Styles/Voices/Multi Pads and MIDI settings, etc.) is automatically stored. However, this edited data is lost if you turn off the power without properly exiting from the relevant display.

Backing up the USB storage device

- To protect against data loss through media damage, we recommend that you save your important data onto two USB storage devices.

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.

Even when the power 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 AC power adaptor from the wall AC outlet.

Notices and Information

Information about functions/data bundled in the instrument

- Some of the preset songs have been edited for length or arrangement, and may not be exactly the same as the original.
- 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.
- The bitmap fonts used in this instrument have been provided by and are the property of Ricoh Co., Ltd.
- This product utilizes NF, an embedded Internet browser from ACCESS Co., Ltd. NF may not be separated from this product, nor may it be sold, lent or transferred in any way. Also, NF may not be reverse-engineered, reverse-compiled, reverse-assembled or copied.
- This software includes a module developed by the Independent JPEG Group.
- The harp, shown in the displays of the PSR-S910/S710, is on display at the Hamamatsu Museum of Musical Instruments.
- (PSR-S910) This product is manufactured under license of U.S. Patents No. 5231671, No. 5301259, No. 5428708, and No. 5567901 of IVL Audio Inc.
- (PSR-S910) MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

Included Accessories

• Music Rest
• AC Power Adaptor*
• Accessory CD-ROM for Windows
• Owner's Manual
• Accessory CD-ROM for Windows Installation Guide
• Guide to Yamaha Online Member Product User Registration

* May not be included depending on your particular area. Please check with your Yamaha dealer.

The instrument is compatible with the following formats.

GENERAL MIDI2	"GM (General MIDI)" is one of the most common Voice allocation formats. "GM System Level 2" is a standard specification that enhances the original "GM" and improves Song data compatibility. It provides for increased polyphony, greater Voice selection, expanded Voice parameters, and integrated effect processing.
XG	XG is a major enhancement of the GM System Level 1 format, and was developed by Yamaha specifically to provide more Voices and variations, as well as greater expressive control over Voices and effects, and to ensure compatibility of data well into the future.
GS	GS was developed by the Roland Corporation. In the same way as Yamaha XG, GS is a major enhancement of the GM specifically to provide more Voices and Drum kits and their variations, as well as greater expressive control over Voices and effects.
XF	The Yamaha XF format enhances the SMF (Standard MIDI File) standard with greater functionality and open-ended expandability for the future. This instrument is capable of displaying lyrics when an XF file containing lyric data is played.
STYLE FILE GE	"SFF (Style File Format)" is an original Style file format by Yamaha which uses a unique conversion system to provide high-quality automatic accompaniment based on a wide range of chord types. "SFF GE (Guitar Edition)" is an enhanced format of SFF, which features improved note transposition for guitar tracks.
VH for XG	(PSR-S910) VH (Vocal Harmony) employs the digital signal processing technology to automatically add appropriate vocal harmonies to a lead vocal line sung by the user.

About the Manuals

This instrument has the following documents and instructional

Included Documents

Owner's Manual (this book)
Provides overall explanations of the PSR-S910/S710 basic functions. See "How to use this Owner's Manual" below.

Installation Guide
Provides introduction to the contents of the supplied CD-ROM and explains how to install the included software.

Online Materials (Downloadable from the web)

The following instructional materials are available for downloading from the Yamaha Manual Library. Access the Yamaha Manual Library, then enter your model name (PSR-S910, for example) in the Model Name area to search the manuals.

Yamaha Manual Library	http://www.yamaha.co.jp/manual/

Reference Manual (only in English, French, German and Spanish)
Explains advanced features of the instrument, not explained in the Owner's Manual. For example, you can learn how to create original Styles, Songs or Multi Pads, or find detailed explanations of specific parameters.

Internet Connection Guide (only in English, French, German and Spanish)
Explains how to connect the instrument to the Internet in detail, in order to use the Internet Direct Connection function.

Data List
Contains various important preset content lists such as Voices, Styles, Effects, as well as MIDI-related information.

MIDI Basics (only in English, French, German and Spanish)
If you want to know more about MIDI and how to use it, refer to this introductory book.

How to use this Owner's Manual

Provides an overview of the chapter contents.

Shows the location of buttons which are explained in the chapter.

The displays are taken from the PSR-S910, and in English. (These may appear somewhat different from those on your instrument.)

Provides additional helpful information in the frame.

Provides supplementary notes and detailed information.
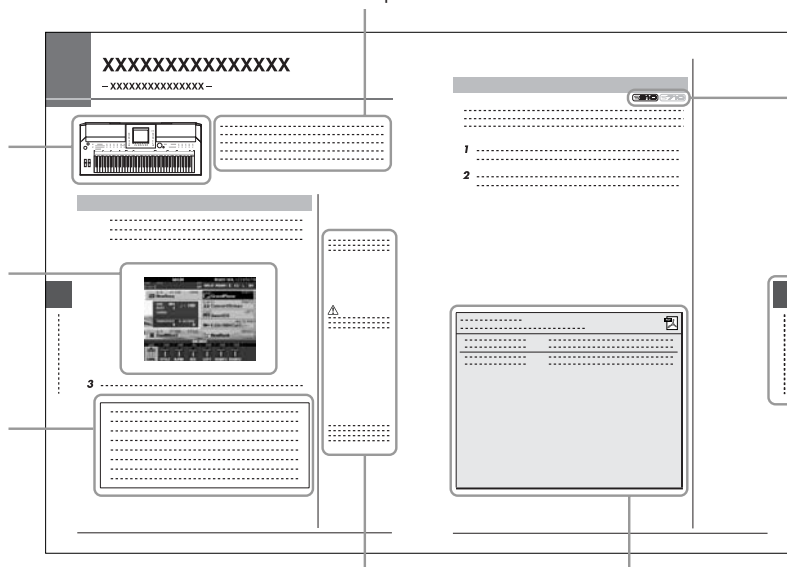
Shows that this function is only available on one model.

Ex.: These icons indicate that this function is only on the PSR-S910 but not on the PSR-S710.

Chapter title for navigating through the manual.

Introduces advanced features related to the chapter contents. Detailed explanations are provided in the Reference Manual (above).

- The illustrations and LCD screens as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your instrument.
- The example Operation Guide displays shown in this Manual are taken from the PSR-S910, and in English.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

Contents

Panel Controls

① [MASTER VOLUME] control ....**Page 15**
Adjusts the overall volume.

② [STANDBY/ON] switch ....**Page 14**
Turns the instrument's power on (▬) or off (▮).

③ [DEMO] button ....**Page 18**
Plays the Demos.

④ [MIC SETTING/VOCAL HARMONY] button
(PSR-S910) ....**Page 91**
Adds some effects to Microphone input.

⑤ [PITCH BEND] wheel ....**Page 34**
Bends the pitch of the keyboard played sound up or down.

⑥ [MODULATION] wheel ....**Page 35**
Applies a vibrato effect.

⑦ [PHONES] jack ....**Page 16**
For connecting a pair of headphones.

⑧ SONG buttons ....**Page 49**
These select a Song and control Song playback.

⑨ STYLE category selection buttons ....**Page 39**
These select a Style.

⑩ [FADE IN/OUT] button .... **Page 44**
Controls fade in/out of the Style/Song playback.

⑪ STYLE CONTROL buttons .... **Page 42**
These control Style playback.

⑫ TRANSPOSE buttons .... **Page 34**
These transpose the pitch in semitone steps.

⑬ [METRONOME] button .... **Page 56**
Turns the metronome sound on or off.

⑭ [TAP TEMPO]/TEMPO buttons .... **Page 43**
These control the tempo for Style, Song and Metronome play-
back.

⑮ [LCD CONTRAST] knob (PSR-S710) .... **Page 17**
Adjusts the LCD contrast.

⑯ LCD and related controls .... **Page 19**

⑰ [BALANCE] button .... **Page 48**
Adjusts the volume balance among each part.

⑱ [MIXING CONSOLE] button .... **Page 79**
Controls over aspects of keyboard, Style and Song parts.
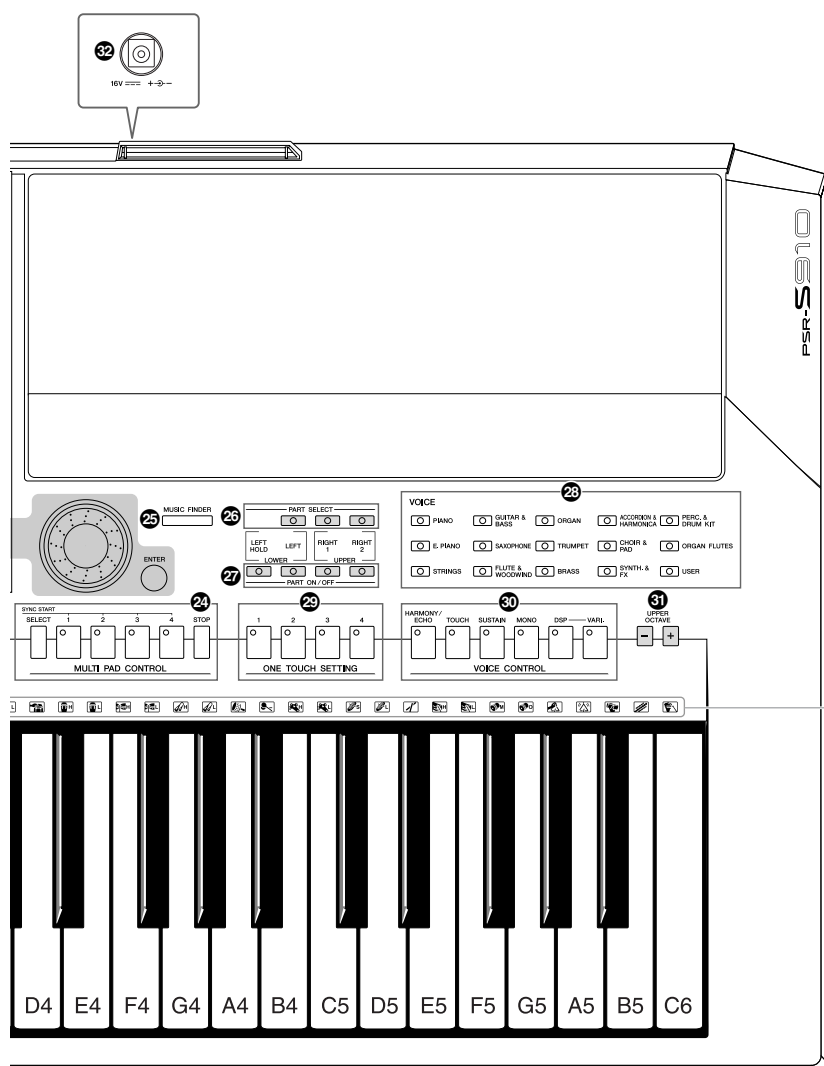
Indicates drum instruments assigned to each key when the Standard Kit is selected.

⑲ [CHANNEL ON/OFF] button .... Pages 47, 54
Turns channels of Style/Song on or off.

**⑳ [FUNCTION] button
(See Reference Manual on website.)**
Lets you make some advanced settings and create your original Styles, Songs and Multi Pads.

㉑ [USB] button... Pages 25, 75
Loads certain data to the USB storage device and allows you to record your performance to the USB storage device in audio format.

㉒ [INTERNET] button .... Page 84
Accesses to Internet website.

㉓ REGISTRATION MEMORY buttons................ Page 71
These register and recall panel setups.

㉔ MULTI PAD CONTROL buttons .... Page 63
These select and play a rhythmic or melodic Multi Pad phrase.

㉕ [MUSIC FINDER] button .... Page 65
Searches the appropriate panel settings or desired song.

㉖ PART SELECT buttons .... Page 32
These select a keyboard part.

㉗ PART ON/OFF buttons................................... Page 32
These turn the keyboard part on or off.

㉘ VOICE category selection buttons .... Page 29
These select a Voice.

㉙ ONE TOUCH SETTING buttons .... Page 45
These call up the appropriate panel settings for the Style.

㉚ VOICE CONTROL buttons .... Page 35
These apply some effects to the keyboard performance.

㉛ UPPER OCTAVE buttons .... Page 34
These shift the pitch of the keyboard in octave steps.

㉜ [DC IN] terminal... Page 14
For connecting the supplied power adaptor.

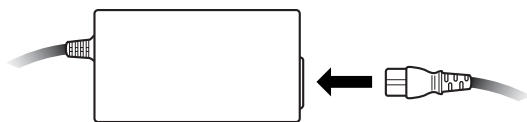For information on the jacks and connectors located on the rear panel, see pages 88 – 97.
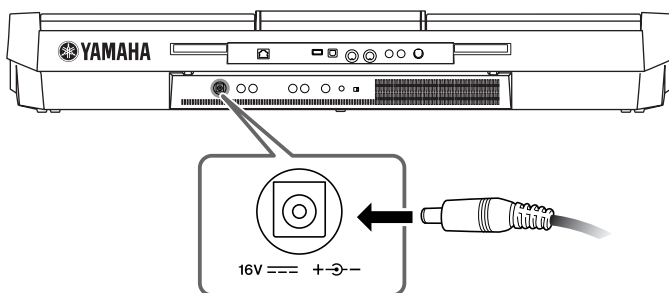
Starting Up

Powering Up

Power supply

1 **Make sure that the instrument's [STANDBY/ON] switch is set to STANDBY (off).**

2 **Connect one end of the AC cable to the power adaptor.**

3 **Connect the power adaptor's DC plug to the instrument's [DC IN] terminal on the rear panel.**
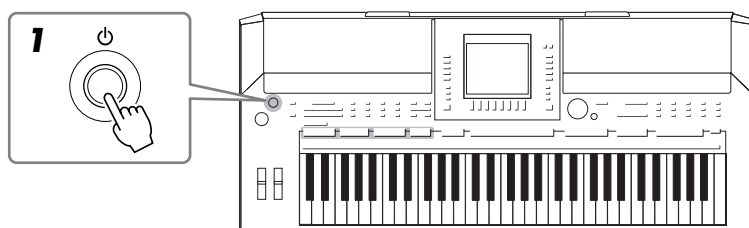

4 **Connect the other end (normal AC plug) to the nearest electrical outlet.**

Turning the Power On

Before you switch the instrument on or off, first turn down the volume of any connected audio equipment.

1 **Press the [STANDBY/ON] switch.**

The main display appears in the display.

⚠ **WARNING**

Use the specified adaptor (page 105) only.
The use of an incompatible adaptor may cause irreparable damage to the PSR-S910/S710, and may even pose a serious shock hazard! ALWAYS UNPLUG THE AC ADAPTOR FROM THE AC POWER OUTLET WHEN THE PSR-S910/S710 IS NOT IN USE.

⚠ **CAUTION**

Never interrupt the power supply (e.g. unplug the AC adaptor) during any PSR-S910/S710 record operation! Doing so can result in a loss of data.

⚠ **CAUTION**

Even when the switch is in the "STANDBY" position, electricity is still flowing to the instrument at a minimum level. When not using the instrument for an extended period of time, be sure to unplug the AC power adaptor from the wall AC outlet.
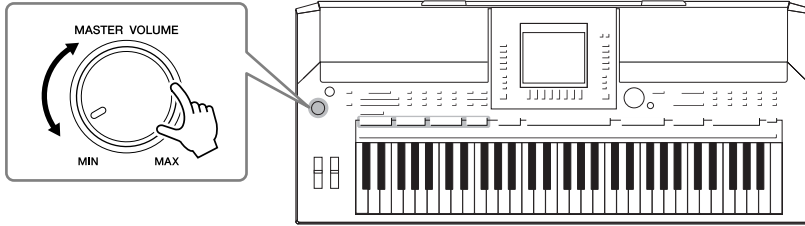
⚠ **CAUTION**

In order to avoid possible damage to the speakers or other connected electronic equipment, always switch on the power of the PSR-S910/S710 before switching on the power of the amplified speakers or mixer and amplifier. Likewise, always switch off the power of the PSR-S910/S710 after switching off the power of the amplified speakers or mixer and amplifier.

NOTE

Remove the transparent protective film that was applied to the display prior to shipment from the factory.

2 Setting the volume.

Use the [MASTER VOLUME] dial to adjust the volume to an appropriate level.


Air Vents

⚠ **CAUTION**

This instrument has special air vents in the top panel (see below) and rear panel. Do not place objects where they might block the air vent, since this may prevent adequate ventilation of the internal components, and possibly result in the instrument overheating.

Air Vents

Air Vents
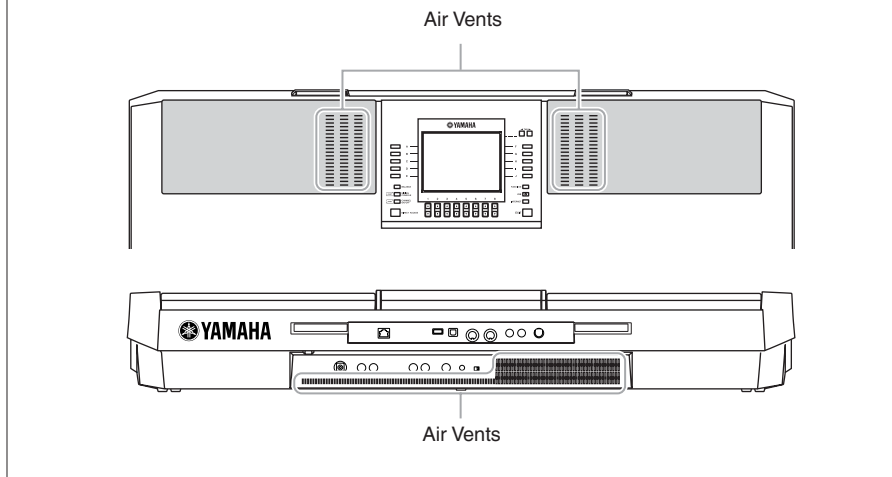
Attaching the Music Rest

The PSR-S910/S710 is supplied with a music rest that can be attached to the instrument by inserting it into the slot at the rear of the control panel.
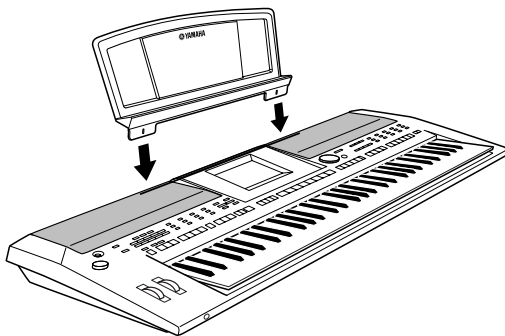
Using Headphones

Connect a pair of headphones to the [PHONES] jack. The internal stereo speaker system is automatically shut off when a pair of headphones is plugged into the [PHONES] jack.
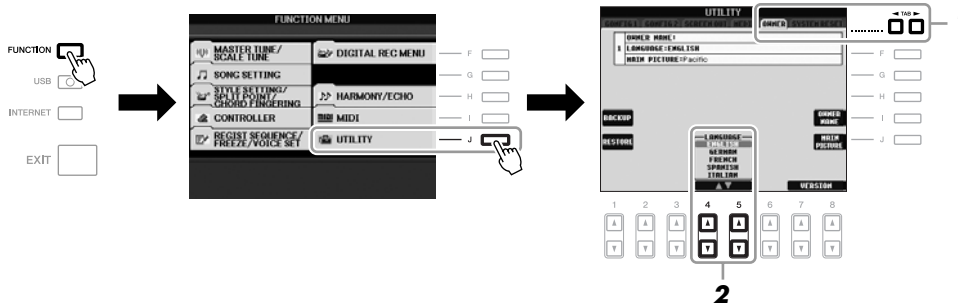

Standard phone plug
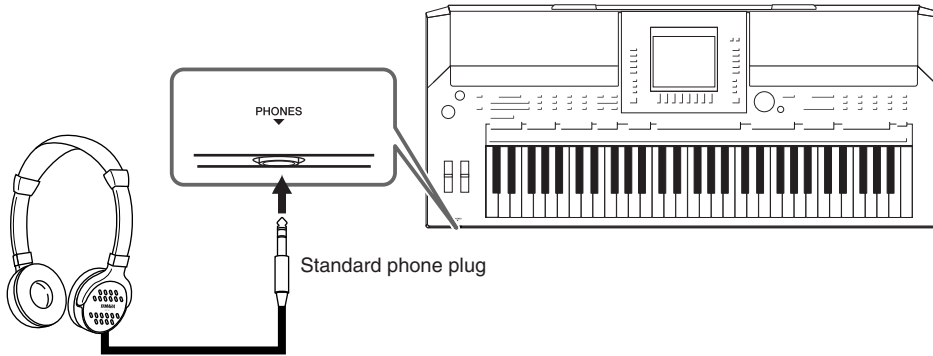
⚠ CAUTION

Do not listen with the head-phones at high volume for long periods of time. Doing so may cause hearing loss.

Changing the Display Language

This determines the language used in the display for messages, file names, and character input.

1 Call up the operation display.

[FUNCTION] → [J] UTILITY → TAB [◀][▶] OWNER

2 Use the [4 ▲▼]/[5 ▲▼] buttons to select the desired language.

NOTE

Throughout this manual, arrows are used in the instructions, indicating in shorthand the process of calling up certain displays and functions.

Adjusting the Contrast of the Display

[S910] [S710]

You can adjust the contrast of the display by turning the [LCD CONTRAST] knob located to the left of the display.
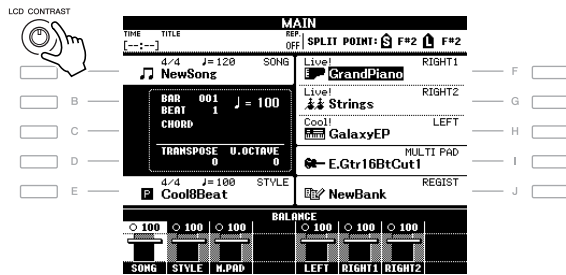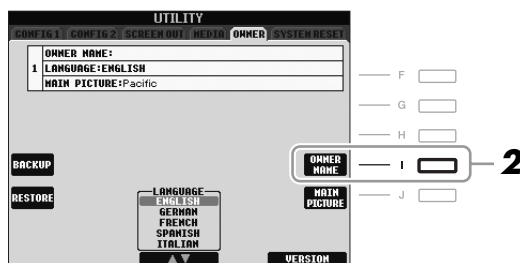
Entering the Owner Name in the Opening Display

You can have your name appear in the opening display (the display that appears when the power is turned on).

1 Call up the operation display.

[FUNCTION] → [J] UTILITY → TAB [◄][►] OWNER

2 Press the [I] (OWNER NAME) button to call up the Owner Name display.

Refer to page 26 for character-entry details.

Display the version number

To check the version number of this instrument, press the [7 ▲▼]/[8 ▲▼] (VERSION) buttons in the display in step 2 above. Press the [EXIT] button or [8 ▲▼] button to return to the original display.

---

Starting Up

Playing the Demos

The Demos provide helpful, easy-to-understand introductions to the features and functions as well as sound demonstrations.

1 Press the [DEMO] button to start the Demos.
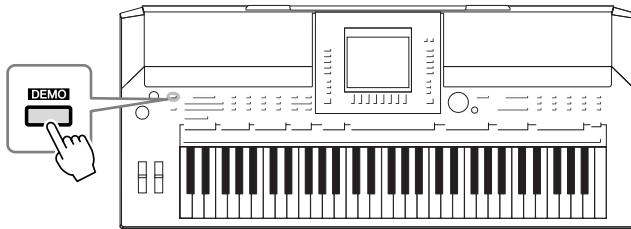
Overview Demo will play back continuously, calling up the various displays in sequence.
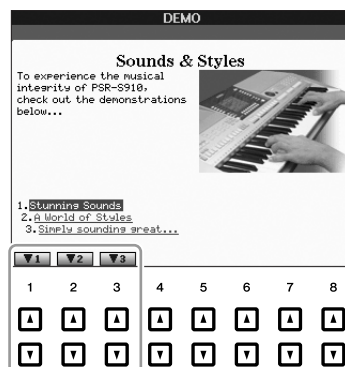
2 Press the [7 ▲▼]/[8 ▲▼] (SKIP OVERVIEW) buttons in the Demo display to call up the specific Demo menu.
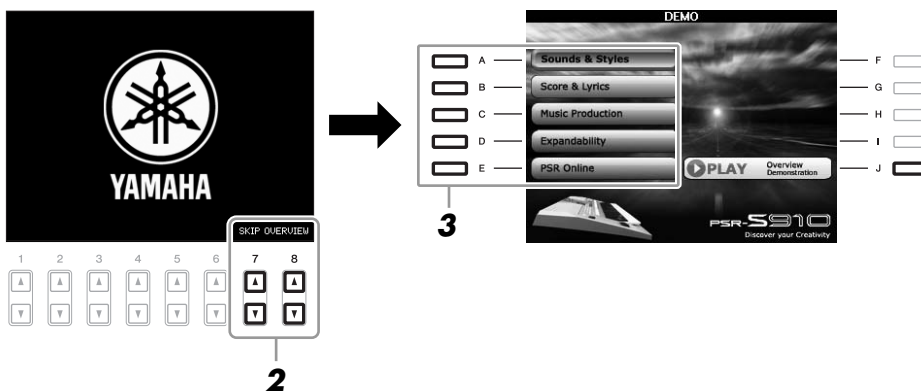
3 Press one of the [A] – [E] buttons to show a specific Demo.

Pressing the [J] button returns to the display of step 2.

The sub menus are shown at the bottom of the display. Press one of the [1 ▲▼] – [8 ▲▼] buttons corresponding to the sub menu.

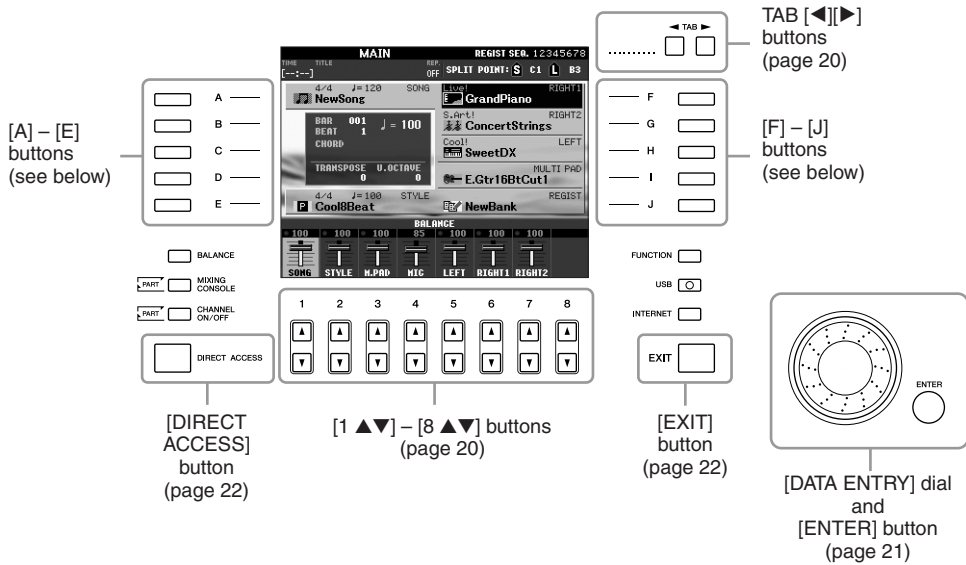### *4* Press the [EXIT] button several times to exit from the Demos.

Starting Up

Display-based Controls

The LCD provides comprehensive at-a-glance information on all current settings.
The displayed menu can be selected or changed by the controls around the LCD.

[A] – [E]
buttons
(see below)

[DIRECT
ACCESS]
button
(page 22)

[1 ▲▼] – [8 ▲▼] buttons
(page 20)

[EXIT]
button
(page 22)

[DATA ENTRY] dial
and
[ENTER] button
(page 21)

TAB [◀][▶]
buttons
(page 20)

[F] – [J]
buttons
(see below)

[A] – [J] buttons

The [A] – [J] buttons are used to select the corresponding menu.

• Example 1

In the File Selection display
(page 25), the [A] – [J] buttons
can be used to select the corre-
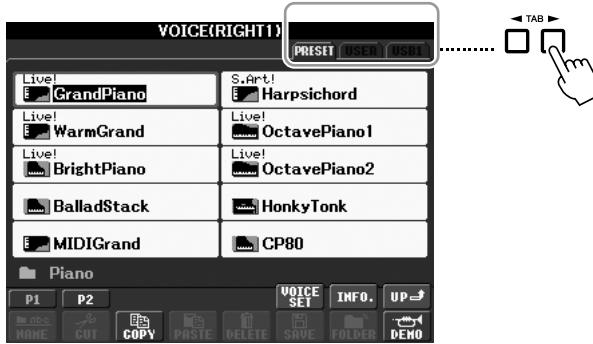sponding respective files.

• Example 2
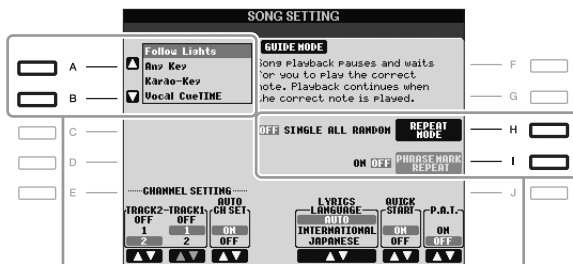
The [A] and [B] buttons are used
to move the cursor up or down.

The [H] and [I] buttons are used to
select the corresponding parameter.

TAB [◄][►] buttons

These buttons are used mainly to change the Pages of displays that have "tabs" at the top.
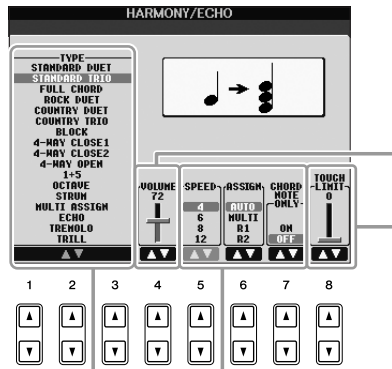

[1 ▲▼] – [8 ▲▼] buttons

The [1 ▲▼] – [8 ▲▼] buttons are used to make selections or adjust settings (up or down correspondingly) for functions shown directly above them.

If a menu appears in this section of the display, use the [1 ▲] – [8 ▲] buttons.

If a menu appears in this section of the display, use the [1 ▼] – [8 ▼] buttons.

If list of the menu appears, use the [1 ▲▼] – [8 ▲▼] button to select the desired item.

If a parameter appears in slider (or knob) form, use the [1 ▲▼] – [8 ▲▼] button to adjust the value.

[DATA ENTRY] dial and [ENTER] button

Depending on the selected LCD display, the [DATA ENTRY] dial can be used in the following two ways.

• Selecting files (Voice, Style, Song, and so on)

When one of the File Selection displays (page 25) is shown, you can use the [DATA ENTRY] dial and the [ENTER] button to select a file (Voice, Style, Song, and so on).

Rotate the [DATA ENTRY] dial to move the cursor.

Press the [ENTER] button to actually select the highlighted file.
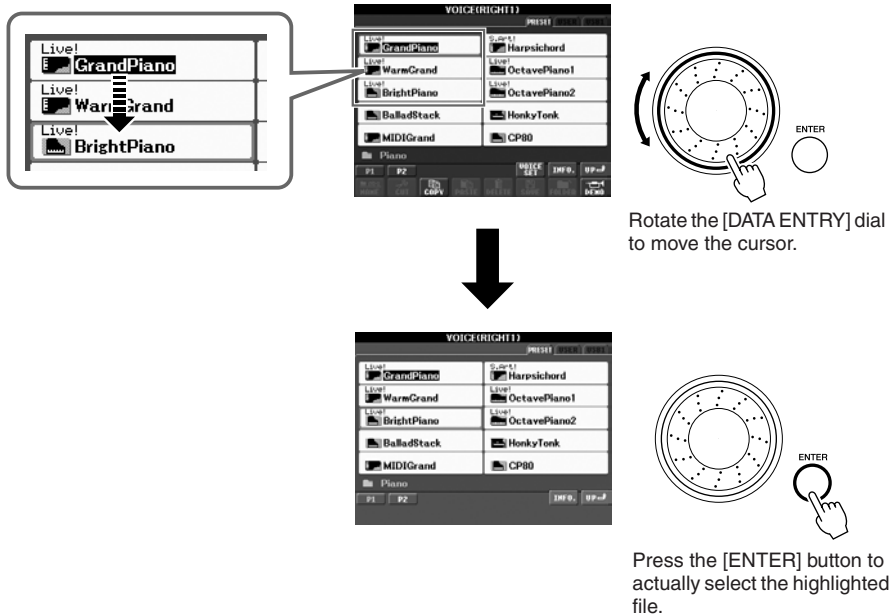
• Adjusting the parameter values

You can conveniently use the [DATA ENTRY] dial in tandem with the [1 ▲▼] – [8 ▲▼] buttons to adjust parameters indicated in the display.

Rotate the [DATA ENTRY] dial to adjust the selected parameter.
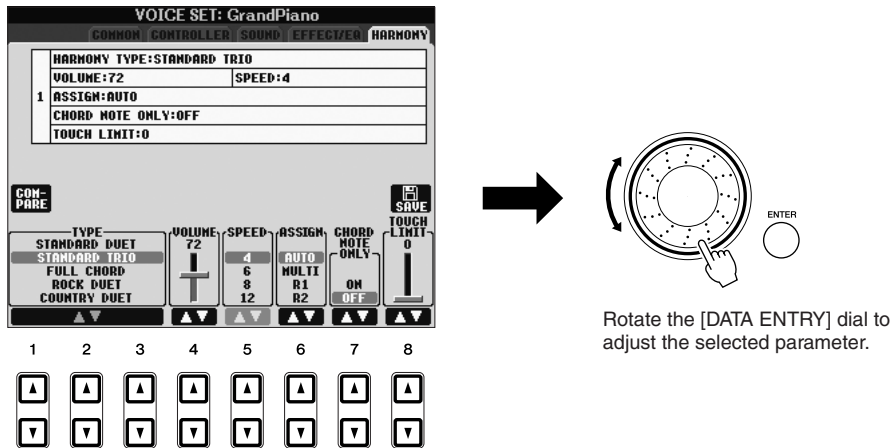
Select the desired parameter with the appropriate [1 ▲▼] – [8 ▲▼] button.

This convenient technique also works well with pop-up parameters such as Tempo and Transpose. Simply press the appropriate button (ex., TEMPO [+]), then rotate the [DATA ENTRY] dial and press [ENTER] to close the window.

[EXIT] button

Pressing the [EXIT] button returns you to the previously indicated display.
Pressing the [EXIT] button several times returns to the default Main display (page 23).

EXIT
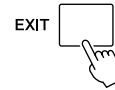
The Messages Shown in the Display

A message (information or confirmation dialog) sometimes appears on the screen to facilitate operation. When the message appears, simply press the appropriate button.

# *Instant Selection of the Displays — Direct Access*

With the convenient Direct Access function, you can instantly call up the desired display — with just a single additional button press.

1 Press the [DIRECT ACCESS] button.

A message appears in the display prompting you to press the appropriate button.

2 Press the button (or move the wheel or connected pedal) corresponding to the desired setting display to instantly call up that display.
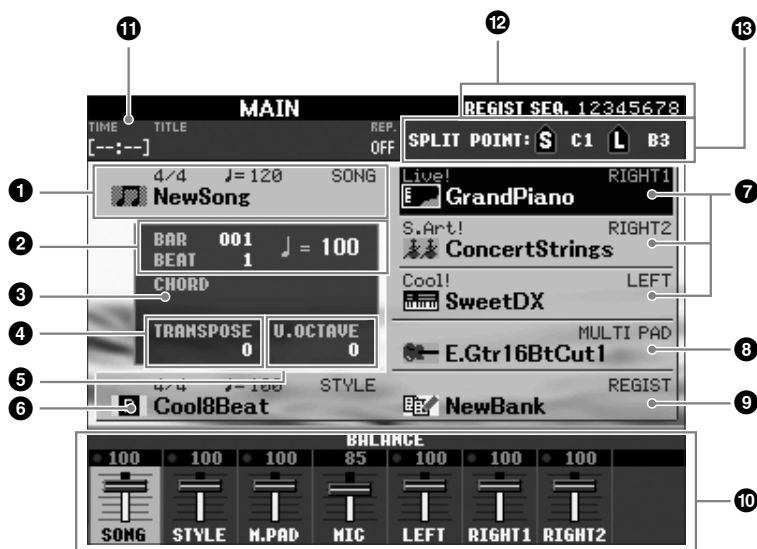
For example, pressing the [GUIDE] button calls up the display in which the Guide mode can be set.
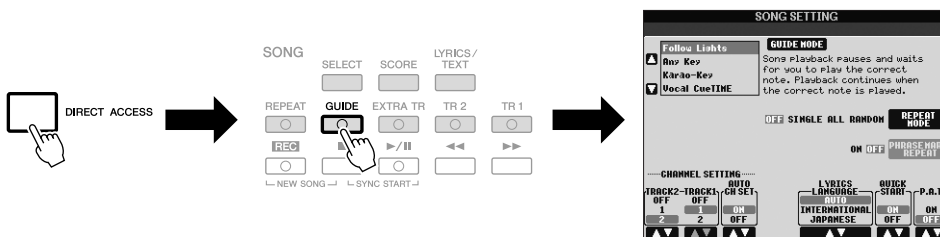
Refer to the Data List for a list of the displays that can be called up with the Direct Access function. The Data List is available at the Yamaha website. (See page 10.)

Main Display Configuration

The display that appears when the power is turned on is the Main display. The Main display shows the current basic settings such as the currently selected Voice and Style, allowing you to see them at a single glance. The Main display is the one you'll usually see when you play the keyboard.

❶ Song name and related information

Displays the currently selected Song name, time signature and tempo. Pressing the [A] button calls up the Song Selection display (page 49).

❷ BAR/BEAT/TEMPO

Displays the current position (bar/beat/tempo) in Style playback or Song playback.

❸ Current chord name

When the [ACMP] button is set to on, the chord specified in the chord section of the keyboard will be displayed. When the Song containing the chord data is played, the current chord name will be displayed.

❹ Transpose

Displays the amount of transposition in semitone units (page 34).

❺ Upper Octave

Displays the amount that the octave value is shifted (page 34).

❻ Style name and related information

Displays the currently selected Style name, time signature and tempo. Pressing the [E] button calls up the Style Selection display (page 39).

❼ Voice name

Displays the Voice names currently selected for RIGHT 1, RIGHT 2 and LEFT parts (page 32). Pressing one of the [F] – [H] buttons calls up the Voice Selection display for each part.

❽ Multi Pad Bank name

Displays the names of the selected Multi Pad Bank. Pressing the [I] button calls up the Multi Pad Bank Selection display (page 63).

❾ Registration Memory Bank name

Displays the currently selected Registration Memory Bank name and
Registration Memory number. Pressing the [J] button calls up the Registration
Memory Bank Selection display (page 72).

❿ Volume Balance

Displays the volume balance among the parts.
Adjust the volume balance among the parts by using the [1 ▲▼] – [7 ▲▼]
buttons.

⓫ USB Audio information

Displays information for the selected audio file (file name, time, etc.) While
recording, a "REC" indication appears.

⓬ Registration Sequence

Appears when the Registration Sequence (page 74) is active.

⓭ Split Point
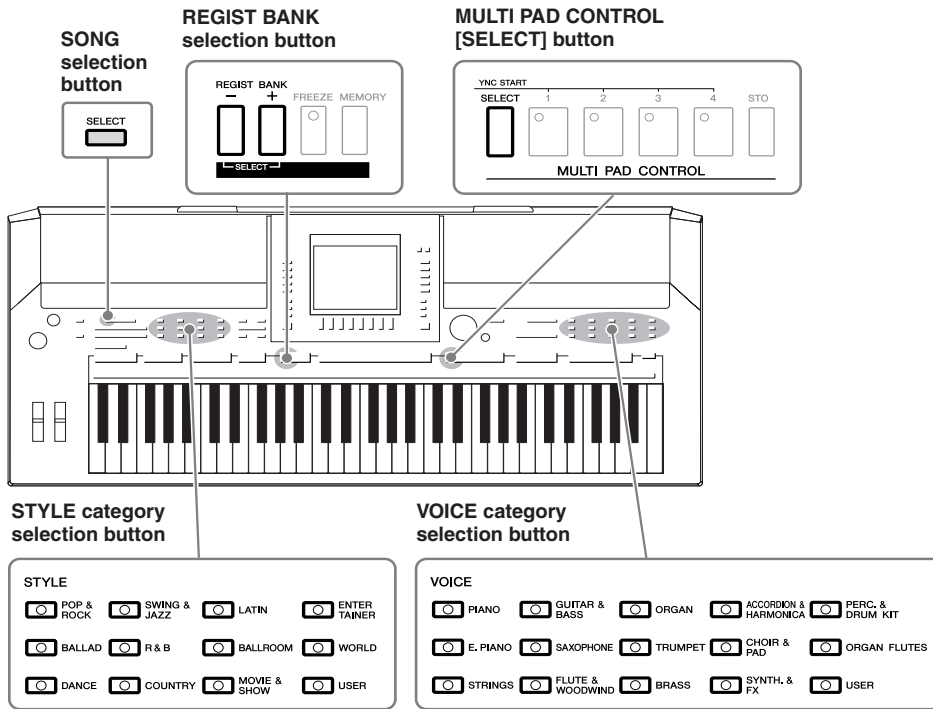
Displays the Split Point positions (page 32).

Starting Up

File Selection Display Configuration

The File Selection display is for selecting Voice, Styles, and other data. The File Selection display appears when you press one of the VOICE or STYLE category selection buttons, SONG [SELECT] button, etc.

● Location (drive) of data

PRESET   Location where pre-programmed (preset) data is stored.

USER   Location where recorded or edited data is saved.

USB   Location where data on USB storage device (USB flash memory, floppy disk, etc.) is saved.This appears only when USB storage device(s) is connected to the [USB TO DEVICE] terminal (page 94).

● Selectable data (files)

The files that can be selected on this display are shown. If more than 10 files exist, the page numbers (P1, P2 ...) are shown below the files. Pressing the corresponding button changes the display page. When other pages follow, the "Next" button appears, and for the previous page, the "Prev." button appears.

● File/folder operation menu

You can save and manage your data files (copy, move, delete, etc.) from this menu. For detailed instructions, refer to pages 58 – 61.

Starting Up

Closing the current folder and calling up the next highest level folder

In the PRESET display, several data (files) are contained together in a folder. You can also organize your original data in the USER/USB display by creating several new folders (page 59).

To close the current folder and call up the next highest level folder, press the [8 ▲] (UP) button.

Example of the PRESET Voice Selection display

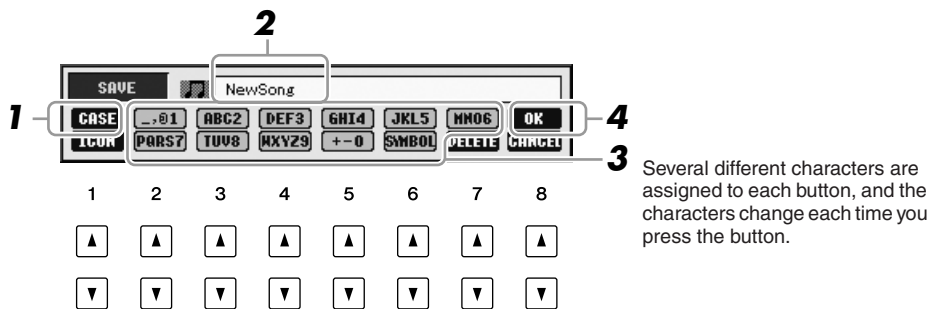The PRESET Voice files are categorized and contained in appropriate folders.

This display shows the Voice files in a folder.
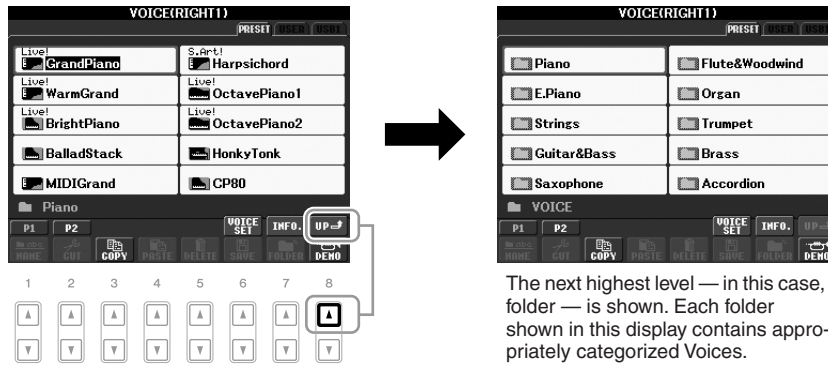
The next highest level — in this case, folder — is shown. Each folder shown in this display contains appropriately categorized Voices.

Entering Characters

The instructions that follow show you how to enter characters for naming your files/ folders, inputting keywords, etc. Entering characters should be done in the display shown below.

Several different characters are assigned to each button, and the characters change each time you press the button.

1 Change the type of character by pressing the [1 ▲] button.

- **CASE**   capital letters, numbers, marks
- **case**   lowercase letters, numbers, marks

2 Use the [DATA ENTRY] dial to move the cursor to the desired position.

NOTE

When inputting lyrics in the Song Creator function, you may also enter Japanese characters (kana and kanji).

3 Press the [2 ▲▼] – [6 ▲▼] and [7 ▲] buttons, corresponding to the character you wish to enter.

To actually enter the selected character, move the cursor or press another letter-input button. Alternately, you can wait for a short time and the characters will be entered automatically.

For details on entering characters, refer to "Other character-entry operations" below.

4 Press the [8 ▲] (OK) button to actually enter the new name and return to the previous display.

Other character-entry operations

• Deleting characters
Move the cursor to the character you wish to delete by using the [DATA ENTRY] dial, and press the [7 ▼] (DELETE) button. To delete all characters on the line at once, press and hold the [7 ▼] (DELETE) button.

• Entering marks or space
1. Press the [6 ▼] (SYMBOL) button to call up the mark list.
2. Use the [DATA ENTRY] dial to move the cursor to the desired mark or space, then press the [8 ▲] (OK) button.

• Selecting custom icons for files (shown at left of file name)
1. Press the [1 ▼] (ICON) button to call up the ICON SELECT display.
2. Select the icon by using the [A] – [J] buttons, [3 ▲▼] – [5 ▲▼] buttons or [DATA ENTRY] dial. The ICON display includes several pages. Press the TAB [◄][►] buttons to select different pages.
3. Press the [8 ▲] (OK) button to apply the selected icon.

Restoring the Factory-programmed Settings

While holding the C6 key (right-most key on the keyboard), turn the [STANDBY/ON] button ON. This restores the all settings (except Internet Settings, etc.) to the factory default.

C6

+

You can also restore a specified setting to the factory default value, or save/load your own reset settings. Call up the operation display: [FUNCTION] → [J] UTILITY → TAB [◄][►] SYSTEM RESET. For details, refer to the Reference Manual on the website.

NOTE
The file name can contain up to 41 characters and the folder name can contain up to 50 characters.

NOTE
When entering a password for a website or the WEP key for wireless LAN connection, the characters are converted to asterisks (*) for security purposes.
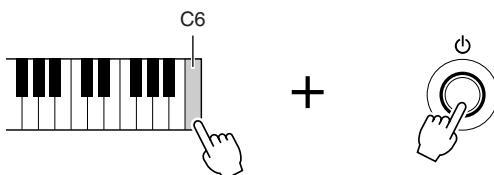
NOTE
To cancel the character-entering operation, press the [8 ▼] (CANCEL) button.

NOTE
To cancel the operation, press the [8 ▼] (CANCEL) button.

NOTE
If you want to initialize only the Registration Memory setting (page 71), turn the [STANDBY/ON] button on while holding the B5 key.

NOTE
To reset the Internet Settings, call up the operation display: [INTERNET] → [5 ▼] SETTING → [A] NETWORK SETTINGS → [E] INITIALIZE SET UP.

Starting Up

Data Backup

This procedure backs up all data stored in USER drive (except Protected Songs) and all settings including Internet Direct Connection settings.

For maximum data security Yamaha recommends that you copy or save your important data to a USB storage device. This provides a convenient backup if the internal memory is damaged.

1 Insert/connect the backup USB storage device (destination).

2 Call up the operation display.

[FUNCTION] → [J] UTILITY → TAB [◀][▶] OWNER
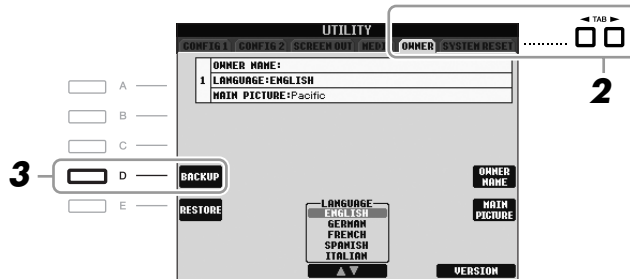
3 Press the [D] (BACKUP) button to save the data to the USB storage device.

To restore the data, press the [E] (RESTORE) button in this display. When the operation is complete, the instrument will be restarted automatically.

NOTE
Before using a USB storage device, be sure to read "Connecting a USB Storage Device" on page 94.

NOTE
Completing the backup/restore operation may take a few minutes.

⚠ CAUTION
Move the Protected Songs which are saved to the USER display before restoring. If the Songs are not moved, the operation deletes the data.

NOTE
To save the Song, Style, Multi Pad, Registration Memory Bank and Voice independently, execute the Copy and Paste operation from the File Selection display (page 60).

NOTE
To save the Music Finder Record, Effect, MIDI Template and System File, call up the operation display: [FUNCTION] → [J] UTILITY → TAB [◀][▶] SYSTEM RESET. For more information, refer to the Reference Manual on the website.
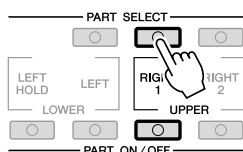
Voices

– Playing the keyboard –
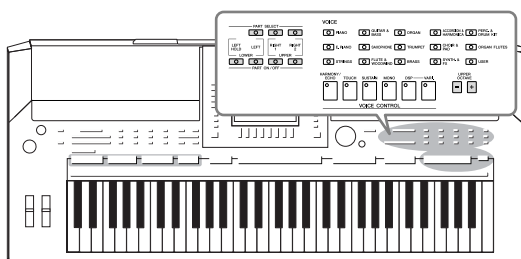
The instrument features a wide variety of exceptionally realistic instrumental Voices, including piano, guitar, strings, brass, wind instruments and more.
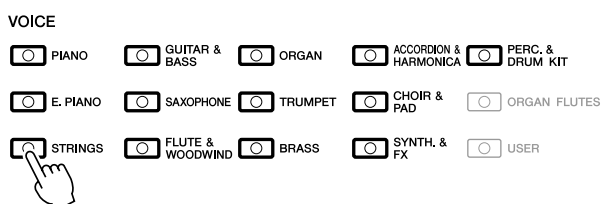
Playing Preset Voices

Selecting a Voice (RIGHT 1) and playing the keyboard

1 **Press the PART SELECT [RIGHT 1] button.**

Make sure that the PART ON/OFF [RIGHT1] button is also turned on. If it is turned off, the right-hand part will not sound.

2 **Press one of the VOICE category selection buttons to select a Voice category and call up the Voice Selection display.**

The preset Voices are categorized and contained in appropriate folders. Voice category selection buttons on the panel correspond to the categories of the preset Voices. For example, press the [STRINGS] button to display various strings Voices.

3 Press one of the [A] – [J] buttons to select the desired Voice.

To call up the other display pages, press one of the [1 ▲] – [5 ▲] buttons or press the same VOICE button again.

3 Press one of the VOICE category selection buttons to call up the Voice Selection display for the Right 2 part.

4 Press one of the [A] – [J] buttons to select the desired Voice.

5 Play the keyboard.

The Voice selected for RIGHT 1 (page 29) and the Voice selected here are sounded simultaneously in a layer.

Quickly selecting Voices for Right 1 and 2 parts

You can quickly select the Right 1 and 2 part Voices, just from the Voice category selection buttons. Press and hold one Voice button, then press another. The Voice of the first pressed button is automatically set for the Right 1 part, while the Voice of the second pressed button is set for the Right 2 part.

Playing Different Voices with the Left and Right Hands

1 Make sure that the PART ON/OFF [RIGHT 1] and/or [RIGHT 2] buttons are turned on.

2 Press the PART ON/OFF [LEFT] button to turn it on.
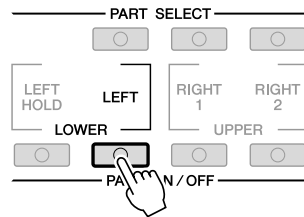
3 Press one of the VOICE category selection buttons to call up the Voice Selection display for the Left part.

4 Press one of the [A] – [J] buttons to select the desired Voice.

5 Play the keyboard.

The notes you play with your left hand sound one Voice (LEFT Voice selected above), while the notes you play with your right sound a different Voices (RIGHT 1 and 2 Voices).
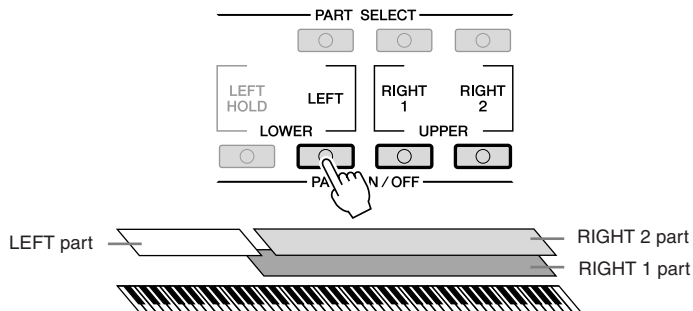
Keyboard Parts

Voices can be assigned independently to each of the three keyboard parts: Right 1, Right 2 and Left. You can combine these parts by using the PART ON/OFF buttons to create a rich, ensemble sound.
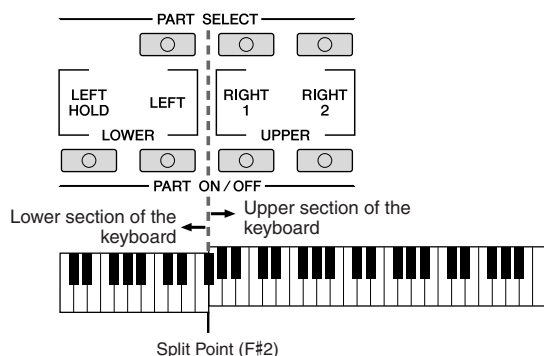
Split Point (F♯2)

When the LEFT part is off, the RIGHT 1 and 2 Voices can be played over the entire keyboard. When the LEFT part is on, keys lower than F♯2 (the Split Point) are set for playing the LEFT part and those higher than the Split Point are set for playing the RIGHT 1 and 2 parts.

You can confirm the currently selected part by checking which lamp of the PART SELECT buttons is lit. To select the desired keyboard part, press the corresponding part button.

Holding the LEFT part Voice (Left Hold)

This function causes the LEFT part Voice to be held even when the keys are released. Non-decaying Voices such as strings are held continuously, while decay-type Voices such as piano decay more slowly (as if the sustain pedal has been pressed).
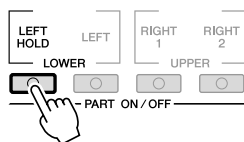
Voices – Playing the keyboard –

1

Voice Types

VOICE

☐ PIANO	☐ GUITAR & BASS	☐ ORGAN	☐ ACCORDION & HARMONICA	☐ PERC. & DRUM KIT	
☐ E. PIANO	☐ SAXOPHONE	☐ TRUMPET	☐ CHOIR & PAD	☐ ORGAN FLUTES	
☐ STRINGS	☐ FLUTE & WOODWIND	☐ BRASS	☐ SYNTH. & FX	☐ USER	

Preset Voices

[USER] button (page 30)

Percussion/Drum Voices
When one of the Voices is selected from this button, you can play various drums and percussion instruments or SFX (sound effects) sounds on the keyboard. Details are given in the Drum List provided in the Data List on the website.
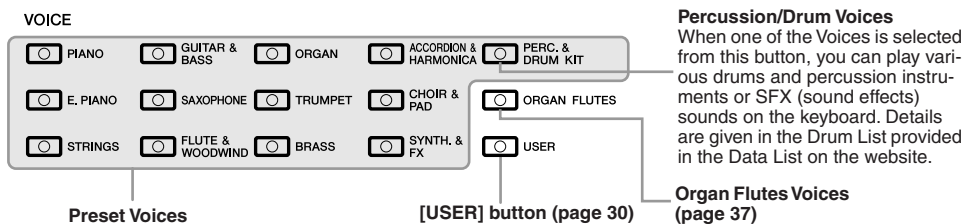
Organ Flutes Voices (page 37)

• Voice Characteristics

The Voice type and its defining characteristics are indicated above the Voice name—Live!, Cool!, Sweet!, etc. For detailed explanation, refer to the Reference Manual.

In this section, only MegaVoice and Super Articulation Voice are explained. These Voices have special characteristics you should be aware of, and they require specific performance techniques to bring out all of their expressive qualities.

MegaVoices

What makes MegaVoices special is their use of velocity switching. Each velocity range (the measure of your playing strength) has a completely different sound. For example, a guitar MegaVoice includes the sounds of various performance techniques. In conventional instruments, different Voices having those sounds would be called up via MIDI and played in combination to achieve the desired effect. However, now with MegaVoices, a convincing guitar part can be played with just a single Voice, using specific velocity values to play the desired sounds. Because of the complex nature of these Voices and the precise velocities need to play the sounds, they're not intended for playing from the keyboard. They are, however, very useful and convenient when creating MIDI data—especially when you want to avoid using several different Voices just for a single instrument part.

Super Articulation Voices (S.Art!) (PSR-S910)

The Super Articulation Voices provide many of same benefits as the MegaVoices, but with greater playability and expressive control in real time.

For example, with the Saxophone Voice, if you play a C and then a D in a very legato way, you will hear the note change seamlessly, as though a saxophone player played it in a single breath. Similarly with the Concert Guitar Voice, the D note would sound as a "hammer on," without the string being plucked again. Depending on how you play, other effects such as shake or breath noises (for the Trumpet Voice), or finger noises (for the Guitar Voice) will be produced.

For details on how to best play each Super Articulation Voice, call up the information window (pressing the [7 ▲] (INFO) button in the Voice Selection display).


NOTE

MegaVoices and Super Articulation Voices are only compatible with other models which have those types of Voices installed. Any Song, Style or Multi Pads data you've created on the instrument using these Voices will not sound properly when played back on other instruments.

NOTE

MegaVoices and Super Articulation Voices sound differently depending on the keyboard range, velocity, touch, etc. Hence, if you apply HARMONY/ECHO effect, change the transpose setting or change the Voice Set parameters, unexpected or undesired sounds may result.

1

Voices – Playing the keyboard –

Transposing the Pitch of the Keyboard

The TRANSPOSE [-]/[+] buttons transpose the overall pitch of the instrument (the keyboard sound, Style playback, Song playback, and so on) in semitone steps. Press the [+] and [-] buttons simultaneously to instantly reset the transpose value to 0.
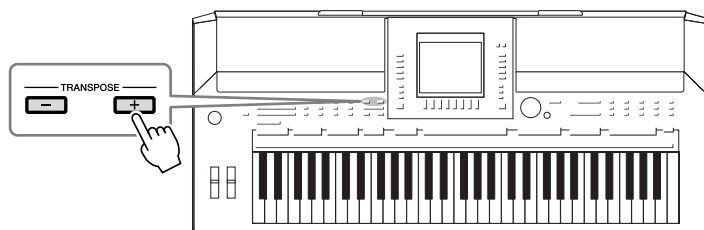
The UPPER OCTAVE [-]/[+] buttons allow the pitch of the RIGHT 1 and 2 parts to be shifted up or down by one octave. Press the [+] and [-] buttons simultaneously to instantly reset the octave value to 0.
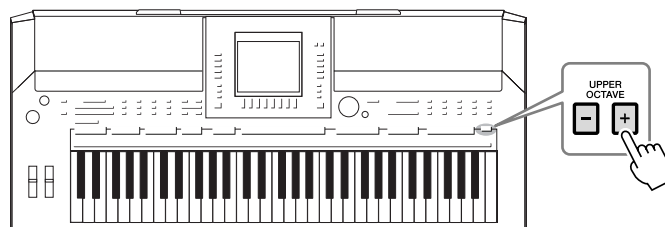

Default Pitch setting

By default, the reference pitch of the entire instrument is set to 440.0 Hz, and the scale to equal temperament. You can change the pitch and scale from [FUNCTION] → [A] MASTER TUNE/SCALE TUNE.
You can also adjust the pitch for each part (keyboard parts, Style parts and Song parts) on the TUNE page of the Mixing Console display (page 79).
For details, refer to the Reference Manual on the website.

Using the Wheels

Using the Pitch Bend Wheel

Use the PITCH BEND wheel to bend notes up (roll the wheel away from you) or down (roll the wheel toward you) while playing the keyboard. The Pitch Bend is applied to all the keyboard parts (RIGHT 1, 2 and LEFT). The PITCH BEND wheel is self-centering and will automatically return to normal pitch when released.
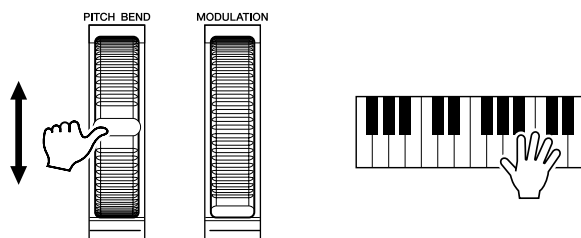
The maximum pitch bend range can be changed on the Mixing Console display: [MIXING CONSOLE] → TAB [◀][▶] TUNE → [H] PITCH BEND RANGE.

NOTE
The Transpose functions do not affect the Drum Kit or SFX Kit Voices.

NOTE
You can also change the transpose settings in the MIXING CONSOLE display: [MIXING CONSOLE]→ TAB [◀][▶] TUNE → [1 ▲▼] – [3 ▲▼] TRANSPOSE.

NOTE
The effects caused by using the PITCH BEND Wheel may not be applied to the LEFT part during Style playback depending on the Style setting.

Using the Modulation Wheel

The Modulation function applies a vibrato effect to notes played on the keyboard. By default, this is applied to the keyboard parts RIGHT 1 and 2. Moving the MODULATION wheel down (toward you) decreases the depth of the effect, while moving it up (away from you) increases it.
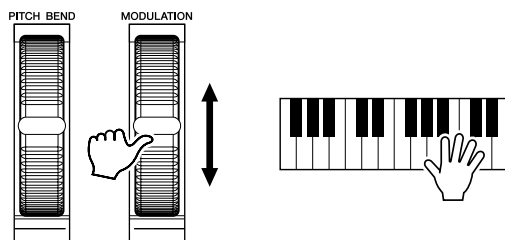
You can set whether the effects caused by the MODULATION Wheel will be applied or not to each of the keyboard part: [FUNCTION] → [D] CONTROLLER → TAB [◄][►] KEYBOARD/PANEL → [A]/[B] 2 MODULATION WHEEL.

Applying Voice Effects

The PSR-S910/S710 features a sophisticated multi-processor effect system which can add extraordinary depth and expression to your sound. This effect system can be turned on or off by using the following buttons.

These three effect systems are applied to the currently selected keyboard part (RIGHT 1, 2, or LEFT)
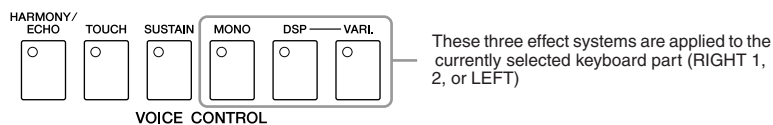
• **HARMONY/ECHO**
The Harmony/Echo types are applied to the right-hand Voices. Refer to "Applying Harmony to Your Right-hand Melody" on page 36.

• **TOUCH**
This button turns the touch response of the keyboard on or off. When OFF, the same volume is produced no matter how strongly or softly you play the keyboard.

• **SUSTAIN**
When this Sustain function is on, all notes played on the keyboard with right-hand part (RIGHT 1 and 2) have a longer sustain.

• **MONO**
When this button is on, the part's Voice is played monophonically (only one note at a time). Using the MONO mode lets you play single, lead sounds (such as brass instruments) more realistically. It also lets you expressively control the Portamento effect (depending on the selected Voice) by playing legato.
When this button is off, the part's Voice played polyphonically.

• DSP/DSP VARI.

With the digital effects built into the instrument, you can add ambience and depth to your music in a variety of ways—such as adding reverb that makes you sound like you are playing in a concert hall.
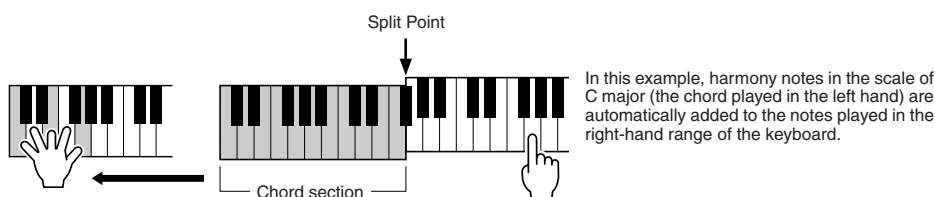
The [DSP] button is used to turn the DSP (Digital Signal Processor) effect on or off for the currently selected keyboard part.

The [DSP VARI.] button is used to change between variations of the DSP effect. You could use this while you play, for example, to change the rotating speed (slow/fast) of the rotary speaker effect.

Applying Harmony to Your Right-hand Melody (HARMONY/ECHO)

Among the Voice Effects, Harmony is one of the most impressive. It automatically adds harmony parts to the notes you play with your right hand—immediately giving you a more full and professional sound.

1 **Turn the [HARMONY/ECHO] button on.**

2 **Turn on both the [ACMP] button and [SYNC START] button (page 39) and make sure that the RIGHT 1 part is on (page 29).**

3 **Play a chord with your left hand to start the Style (page 40) and play some notes in the right-hand range of the keyboard.**

Split Point

In this example, harmony notes in the scale of C major (the chord played in the left hand) are automatically added to the notes played in the right-hand range of the keyboard.

Chord section

You can also use the Harmony effect with the Style stopped. Simply hold down a chord with your left hand and play a melody with your right.

Many of the Voices have been automatically set to play certain Harmony/Echo types that match the particular Voice. Try out some of Voices. You can also change the Harmony/Echo type: [FUNCTION] → [H] HARMONY/ECHO.

Creating Your Original Organ Flutes Voices

The PSR-S910/S710 uses advanced digital technology to recreate the legendary sound of vintage organs. Just as on a traditional organ, you can create your own sound by increasing and decreasing the levels of the flute footages.

1 Press the [ORGAN FLUTES] button.

The FOOTAGE Page of the Organ Flutes Voice is called up.

VOICE

○ PIANO	○ GUITAR & BASS	○ ORGAN	○ ACCORDION & HARMONICA	○ PERC. & DRUM KIT		
○ E. PIANO	○ SAXOPHONE	○ TRUMPET	○ CHOIR & PAD	○ ORGAN FLUTES		
○ STRINGS	○ FLUTE & WOODWIND	○ BRASS	○ SYNTH. & FX	○		
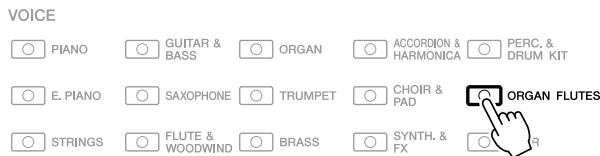
2 Use the [1 ▲▼] – [8 ▲▼] buttons to adjust the footage settings.

The footage settings determine the basic sound of the organ flutes.
The [1 ▲▼] buttons control two footages: 16' and 5 1/3'. Pressing the [D] button switches between these two footages.
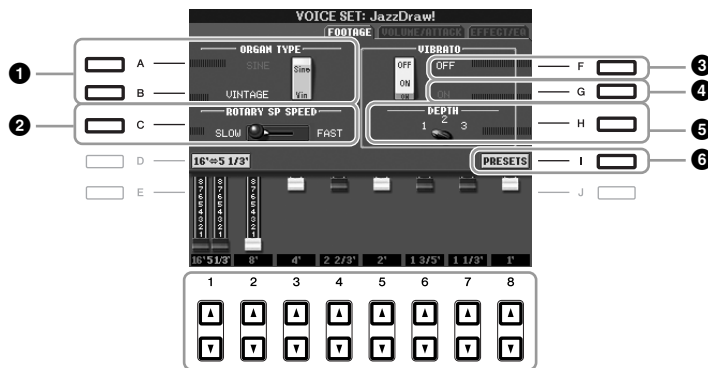
If you want, you can select the Organ type, change the Rotary Speaker speed and adjust the Vibrato setting, by using the [A] – [C] and [F] – [H] buttons.

❶	[A]/[B]	ORGAN TYPE	Specifies the type of organ tone generation to be simulated: Sine or Vintage.
❷	[C]	ROTARY SP SPEED	Alternately switches between the slow and fast rotary speaker speeds when a rotary speaker effect is selected for the Organ Flutes (DSP TYPE parameter in the EFFECT/EQ Page), and the VOICE CONTROL [DSP] button is turned on.
❸	[F]	VIBRATO OFF	Alternately turns the vibrato effect for the Organ Flutes Voice ON or OFF.
❹	[G]	VIBRATO ON	
❺	[H]	VIBRATO DEPTH	Sets the Vibrato depth to one of three levels: 1 (low), 2 (mid), or 3 (high).
❻	[I]	PRESETS	Opens the File Selection display of the Organ Flute Voices for selecting a preset Organ Flutes Voice.

3 Press the [I] (PRESETS) button to call up the Organ Flutes Voice Selection display.

4 Use the TAB [◄][►] buttons to select the location to which your Organ Flutes Voice will be saved.

5 Press the [6 ▼] (SAVE) button to call up the Save display.

**6** Save your Organ Flutes Voice by following the procedure on page 58.

⚠ *CAUTION*

The setting will be lost if you select another Voice or turn the power to the instrument off without executing the Save operation.

Advanced Features

Refer to the Reference Manual on the website, **Chapter 1**.

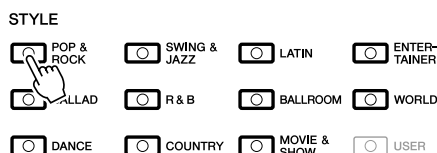|	
Selecting GM/XG or other Voices from the Panel:	Voice Selection display → [8 ▲](UP) → [2 ▲] (P2)
Effect-related settings	
• Setting the touch sensitivity of the keyboard:	[FUNCTION] → [D] CONTROLLER → TAB [◄][►] KEYBOARD/PANEL
• Selecting the Harmony/Echo type:	[FUNCTION] → [H] HARMONY/ECHO
Pitch-related settings	
• Fine-tuning the pitch of the entire instrument:	[FUNCTION] → [A] MASTER TUNE/SCALE TUNE → TAB [◄][►] MASTER TUNE
• Scale Tuning:	[FUNCTION] → [A] MASTER TUNE/SCALE TUNE → TAB [◄][►] SCALE TUNE
• Changing the part assignment of the TRANSPOSE buttons:	[FUNCTION] → [D] CONTROLLER → TAB [◄][►] KEYBOARD/PANEL → [A]/[B] 3 TRANSPOSE ASSIGN
Editing Voices (Voice Set):	Voice Selection display → [6 ▲] (VOICE SET)
Disabling automatic selection of Voice Sets (effects, etc.):	[FUNCTION] → [E] REGIST SEQUENCE/ FREEZE/VOICE SET → TAB [◄][►] VOICE SET
Editing Organ Flutes parameters:	[ORGAN FLUTES] → TAB [◄][►] VOLUME/ ATTACK or EFFECT/EQ

Voices – Playing the keyboard –

1

Styles

– Playing Rhythm and Accompaniment –
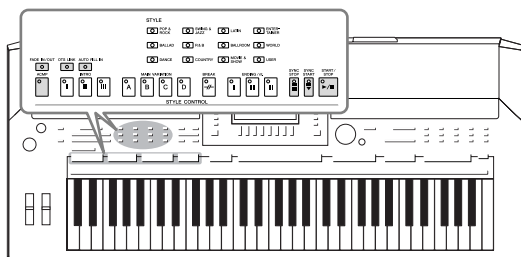
The instrument features a variety of accompaniment and rhythmic backing patterns (called "Styles") in a variety of different musical genres including pop, jazz, and many others. The Style features Auto Accompaniment, letting you produce automatic accompaniment playback simply by playing "chords" with your left hand. This lets you automatically recreate the sound of a full band or orchestra—even if you're playing by yourself.

Playing a Style with the Auto Accompaniment

1 Press one of the STYLE category selection buttons to call up the Style Selection display.
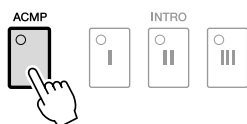
STYLE

POP & ROCK	SWING & JAZZ	LATIN	ENTER-TAINER
BALLAD	R & B	BALLROOM	WORLD
DANCE	COUNTRY	MOVIE & SHOW	USER

NOTE

The [USER] button in the Style category selection buttons can be used as same as the [USER] button in the Voice category selection buttons. See page 30.

2 Press one of the [A] – [J] buttons to select the desired Style.

Pressing one of the [1 ▲] – [4 ▲] buttons or pressing the same STYLE button again can call up the other display page.

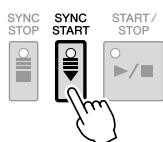### 3 Press the [ACMP] button to turn on the Auto Accompaniment.

The specific left-hand section of the keyboard (page 32) becomes the Chord section, and chords played in this section are automatically detected and used as a basis for fully automatic accompaniment with the selected Style.

4 Press the [SYNC START] button to enable synchronized start.

5 As soon as you play a chord with your left hand, the selected Style starts.

Try playing chords with your left hand and play melody with your right hand.

6 Press the [START/STOP] button to stop Style playback.
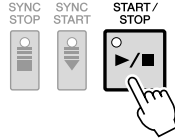
Style Characteristics

The Style type and its defining characteristics are indicated on the Preset Style icon.

- **Pro:** These Styles provide professional and exciting arrangements combined with perfect playability. The resulting accompaniment exactly follows the chords of the player. As a result, your chord changes and colorful harmonies are instantly transformed into lifelike musical accompaniment.

- **Session:** These Styles provide even greater realism and authentic backing by mixing in original chord types and changes, as well as special riffs with chord changes, with the Main sections. These have been programmed to add "spice" and a professional touch to your performances of certain songs and in certain genres. Keep in mind, however, that the Styles may not necessarily be appropriate—or even harmonically correct-for all songs and for all chord playing. In some cases for example, playing a simple major triad for a country song may result in a "jazzy" seventh chord, or playing an on-bass chord may result in inappropriate or unexpected accompaniment.
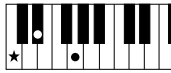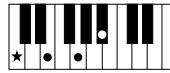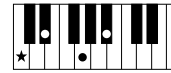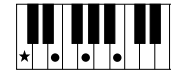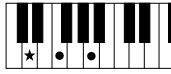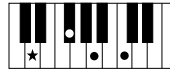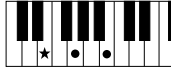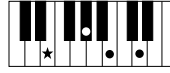

Style file compatibility

The PSR-S910/S710 uses the SFF GE file format (page 9). The PSR-S910/S710 can play back existing SFF files, but they will be saved in the SFF GE format when the file is saved (or pasted) in the PSR-S910/S710. Please keep in mind that the saved file can only be played back on instruments that are compatible with the SFF GE format.

Chords

For users who are unfamiliar with chords, this handy chart features common chords for your quick reference. Since there are many useful chords and many different ways to use them musically, refer to commercially available chord books for further details.

★ Indicates the root note.

Major	Minor	Seventh	Minor Seventh	Major Seventh
C	Cm	C7	Cm7	CM7
D	Dm	D7	Dm7	DM7
E	Em	E7	Em7	EM7
F	Fm	F7	Fm7	FM7
G	Gm	G7	Gm7	GM7
A	Am	A7	Am7	AM7
B	Bm	B7	Bm7	BM7

Changing the Chord Fingering Type

By changing the chord fingering type, you can automatically produce appropriate accompaniment even if you don't press all of the notes which comprise a chord. Chord fingering type can be changed from: [FUNCTION] → [C] STYLE SETTING/SPLIT POINT/CHORD FINGERING → TAB [◄][►] CHORD FINGERING.

Following types can be selected, for example.

• Single Finger

This method lets you easily play chords in the accompaniment range of the keyboard using only one, two or three fingers.

C
Major chord
Press the root key only.

Cm
Minor chord
Simultaneously press the root key and a black key to its left.

C7
Seventh chord
Simultaneously press the root key and a white key to its left.

Cm7
Minor seventh chord
Simultaneously press the root key and both a white and black key to its left.

• AI Full Keyboard

Playing just about anything, anywhere on the keyboard using both hands – like playing the piano – produces appropriate accompaniment. You don't have to worry about specifying the chords. (Depending on the song arrangement, AI Full Keyboard may not always produce appropriate accompaniment.)

For other types, refer to the Reference Manual on the website.

Styles – Playing Rhythm and Accompaniment –

Operating Style Playback

To Start/Stop Playing

• [START/STOP] button

Style starts playing back as soon as the [START/STOP] button is pressed. To stop playback, press the button again.

START/
STOP
►/■

• [SYNC START] button

This puts the Style playback in "standby." The Style starts playing back when you press any note on the keyboard (when [ACMP] is off) or you play a chord with your left hand (when [ACMP] is on). During the Style playback, pressing this button stops playing and puts the playback in "standby."

SYNC
START

• [SYNC STOP] button

You can start and stop the Style anytime you want by simply playing or releasing the keys in the chord section of the keyboard. Make sure that the [ACMP] button is on, press the [SYNC STOP] button, then play the keyboard.

SYNC
STOP

• INTRO [I] – [III] buttons

The PSR-S910/S710 features three different Intro sections to add an introduction before starting the Style playback. After pressing one of the INTRO [I] – [III] buttons, start playback by using the [START/STOP] button or [SYNC START] button. When the Intro finishes playing, the Style playback automatically shifts to the Main section.

INTRO
I   II   III
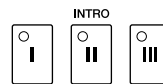
• ENDING/rit. [I] – [III] buttons

The PSR-S910/S710 features three different Ending sections to add an ending before stopping Style playback. When you press one of the ENDING [I] – [III] buttons while Style is playing back, the Style will automatically stop after the ending is played. You can have the ending gradually slow down (ritardando) by pressing the same ENDING button once again, while the ending is playing.
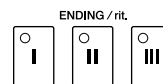
ENDING / rit.
I   II   III

About the lamp status of the section buttons (INTRO/MAIN VARIATION/ BREAK/ENDING)

• **Red:** The section is currently selected.
• **Red (flashing):** The section will be played next, following the currently selected section.
• **Green:** The section contains data but not currently selected.
• **Off:** The section contains no data and cannot be played.

2

Styles – Playing Rhythm and Accompaniment –

Changing Pattern Variation (Sections) During Style playback

Each Style features four different Main sections, four Fill-in sections and a Break section. By using these sections effectively, you can easily make your performance sound more dynamic and professional. The section can be freely changed while the Style is playing back.

• MAIN VARIATION [A] – [D] buttons

Press one of the MAIN VARIATION [A] – [D] buttons to select the desired Main section (the button lights in red). Each is an accompaniment pattern of a few measures and it plays indefinitely. Pressing the selected MAIN VARIA-TION button again plays an appropriate fill-in pattern to spice up the rhythm and break the repetition. After the fill-in finishes playing, it leads smoothly into the Main section.

Selected Main section's lamp is lit in red

Selected Fill In section's lamp flashes in red
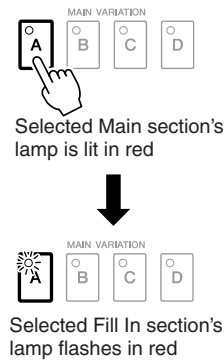
AUTO FILL function

When the [AUTO FILL IN] button is turned on, pressing any of the Main [A] – [D] buttons as you play automatically plays fill-in section.

AUTO FILL IN

• [BREAK] button

This lets you add dynamic breaks in the rhythm of the accompaniment. Press the [BREAK] button during Style playback. When the one-measure Break pattern finishes playing, the Style playback automatically shifts to the Main section.

BREAK

Adjusting the Tempo

• TEMPO [-]/[+] buttons

By pressing the TEMPO [-] or [+] button, you can decrease/increase the tempo over a range of 5 – 500. While the TEMPO pop-up is shown on the display, you can also use the [DATA ENTRY] dial to adjust the value.

TEMPO
− +

TEMPO
♩ = 120

Pressing the TEMPO [-]/[+] buttons simultaneously resets the tempo to the default value.

• [TAP TEMPO] button

During Style playback, you can change the tempo by tapping the [TAP TEMPO] button twice at the desired tempo.
When the Style is stopped, tapping the [TAP TEMPO] button (four times for a 4/4 time signature) starts Style playback at the tempo you tapped.

TAP TEMPO

NOTE

This operation is common for Song playback (page 49).

Fading In/Out

• [FADE IN/OUT] button

This produces smooth fade-ins and fade-outs when starting/ stopping playback. Press the [FADE IN/OUT] button when playback is stopped and press the [START/STOP] button to start playback with a fade in. To stop the playback with a fade out, press the [FADE IN/OUT] button during playback.

FADE IN/OUT

Calling up the Panel Settings to Match the Style (Repertoire)

The convenient Repertoire function automatically calls up the most appropriate panel settings (Voice number, etc.) for the currently selected Style.

Before using the Repertoire function, you need to import Music Finder records (see instructions on page 65).

1 Select the desired Style from the Style Selection display (steps 1 – 2 on page 39).

2 Press the [5 ▲] (REPERTOIRE) button.

Various appropriate panel settings matching the selected Style will be shown in the display.
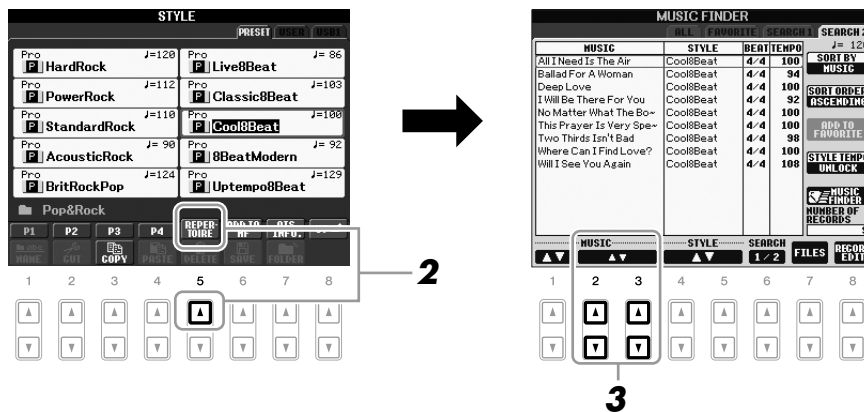
3 Use the [2 ▲▼] – [3 ▲▼] buttons to select the desired panel setting.

Appropriate Panel Settings for the Selected Style (One Touch Setting)

One Touch Setting is a powerful and convenient feature that automatically calls up the most appropriate panel settings (Voices or effects, etc.) for the currently selected Style, with the touch of a single button. If you've already decided which Style you wish to use, you can have One Touch Setting automatically select the appropriate Voice for you.

1 **Select a Style (steps 1 – 2 on page 39).**

2 **Press one of the ONE TOUCH SETTING [1] – [4] buttons.**

Not only does this instantly call up all the settings (Voices, effects, etc.) that match the current Style, it also automatically turns on ACMP and SYNC START, so that you can immediately start playing the Style.
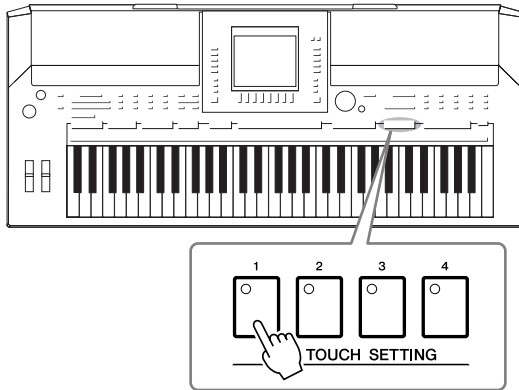
3 **As soon as you play a chord with your left hand, the selected Style starts.**

Each Style has four One Touch Setting setups. Press other ONE TOUCH SETTING [1] – [4] button to try out other setups.

Automatically changing One Touch Settings with the Main sections

The convenient OTS (One Touch Setting) Link function lets you automatically have One Touch Settings change when you select a different Main section (A – D). The Main sections A, B, C and D correspond to One Touch Settings 1, 2, 3 and 4 respectively. To use the OTS Link function, turn the [OTS LINK] button on.
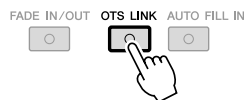
NOTE

You can also create your own One Touch Setting setups. For details, refer to the Reference Manual on the website.

NOTE

You can change the timing in which the One Touch Settings change with MAIN VARIATION [A] – [D] change. Refer to the Reference Manual on the website.

Confirming the One Touch Setting contents

You can check the information of the One Touch Setting [1] – [4] assigned to currently selected Style.

1 In the Style Selection display, press the [7 ▲] (OTS INFO.) button to call up the Information display.
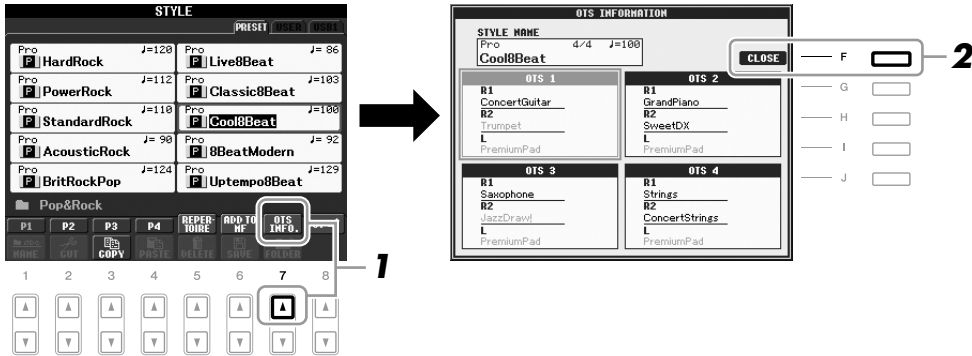
2 Press the [F] (CLOSE) button to close the Information display.

Turning Style Parts On/Off and Changing Voices

A Style contains eight channels: RHY1 (Rhythm 1) – PHR2 (Phrase 2) below. You can add variations and change the feeling of a Style by selectively turning channels on/off as the Style plays.

Style channels
- **RHY1/2 (Rhythm 1/2):** These are the basic parts of the Style, containing the drum and percussion rhythm patterns.
- **BASS:** The bass part uses various appropriate instrument sounds to match the Style.
- **CHD1/2 (Chord 1/ 2):** These are the rhythmic chord backing, commonly used with piano or guitar Voices.
- **PAD:** This part is used for sustained instruments such as strings, organ, choir, etc.
- **PHR1/2 (Phrase1/2):** These parts are used for punchy brass stabs, arpeggiated chords, and other extras that make the accompaniment more interesting.

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1 **Press the [CHANNEL ON/OFF] button once or twice to call up the CHANNEL ON/OFF (STYLE) display.**
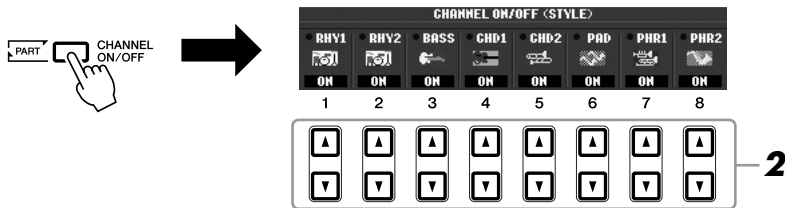
2 **Press the [1 ▼] – [8 ▼] buttons to turn the channels on or off.**

To listen to only one channel by itself, hold down the appropriate button for the channel to set the channel to SOLO. To cancel SOLO, simply press the appropriate channel button again.

Changing the Voice for each channel

If necessary, press the [1 ▲] – [8 ▲] buttons to change the Voice for the corresponding channel.
The Voice Selection display is called up from which you can select the Voice to be used for the channel. See page 29.

---

3 **Press the [EXIT] button to close the CHANNEL ON/OFF display.**

NOTE

You can save the settings here to Registration Memory. See page 71.

NOTE

When the Main display is shown, the CHANNEL ON/OFF display cannot be closed.

Adjusting the Volume Balance Between the Style and Keyboard

You can adjust the volume balance between Style playback and the sound you play on the keyboard.

1 **Press the [BALANCE] button to call up the BALANCE display.**
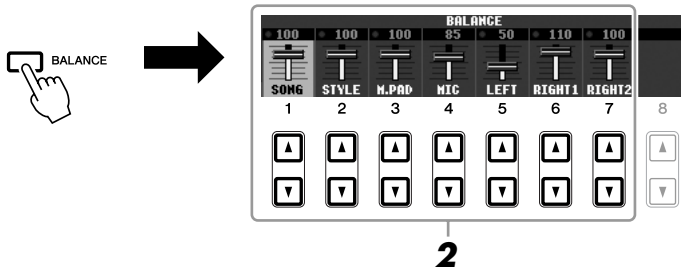
2 **Adjust the Style volume by using the [2 ▲▼] buttons.**

Using the [1 ▲▼] – [7 ▲▼] buttons, you can adjust the volume of Song, Style, Multi Pad, MIC (for the PSR-910) and keyboard parts.

3 **Press the [EXIT] button to close the BALANCE display.**

Advanced Features
Refer to the Reference Manual on the website, **Chapter 2**.

Selecting the Chord Fingering type:	[FUNCTION] → [C] STYLE SETTING/ SPLIT POINT/CHORD FINGERING → TAB [◄][►] CHORD FINGERING
Style playback related settings:	[FUNCTION] → [C] STYLE SETTING/ SPLIT POINT/CHORD FINGERING → TAB [◄][►] STYLE SETTING
Split Point settings:	[FUNCTION] → [C] STYLE SETTING/ SPLIT POINT/CHORD FINGERING → TAB [◄][►] SPLIT POINT
Memorizing the Original One Touch Setting:	[MEMORY] + ONE TOUCH SETTING [1] – [4]
Creating/Editing Styles (Style Creator):	[FUNCTION] → [F] DIGITAL REC MENU → [B] STYLE CREATOR
• Realtime Recording:	→ TAB [◄][►] BASIC
• Step Recording:	→ TAB [◄][►] EDIT → [G] STEP REC
• Style Assembly:	→ TAB [◄][►] ASSEMBLY
• Editing the Rhythmic Feel:	→ TAB [◄][►] GROOVE
• Editing Data for Each Channel:	→ TAB [◄][►] CHANNEL
• Making Style File Format Settings:	→ TAB [◄][►] PARAMETER

Songs

– Playing, Practice and Recording Songs –
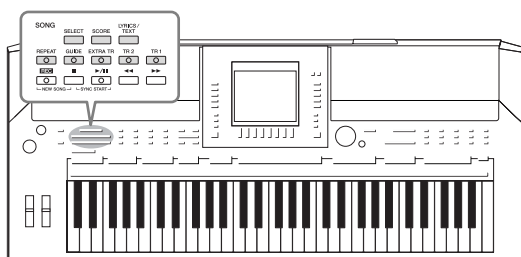
For the PSR-S910/S710, "Song" refers to the MIDI songs which include preset songs, commercially available MIDI format files, etc. Not only can you play back a Song and listen to it, but you can also play the keyboard along with Song playback and record your own performance as a Song.

Playback of Songs

You can play back the following types of Songs.
• Preset Songs (in the PRESET Page of the Song Selection display)
• Your own recorded Songs (see page 56 for instructions on recording)
• Commercially available Song data: SMF (Standard MIDI File) or ESEQ

NOTE
For information on compatible data formats, refer to page 9.

1 Press the SONG [SELECT] button to call up the Song Selection display.
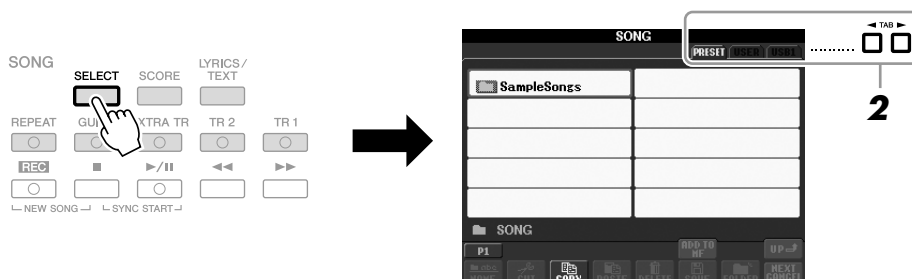
2 Press the TAB [◀][▶] buttons to select the location of the desired Song.

If you want to playback of Song in the USB storage device, connect the USB storage device containing MIDI Song data to the [USB TO DEVICE] terminal beforehand.

3 Select the desired Song by using the [A] – [J] buttons.

You can also select a Song by using the [DATA ENTRY] dial, then press the [ENTER] button to execute.

NOTE
You can instantly jump back to the Main display by "double-clicking" on one of the [A] – [J] buttons.

4 **Press the SONG [▶/❙❙] (PLAY/PAUSE) button to start playback.**

Queuing the next Song for playback

While a Song is playing back, you can queue up the next Song for playback. This is convenient for chaining it to the next Song smoothly during stage performance. Select the Song you want play next in the Song Selection display, while a Song is playing back. The "NEXT" indication appears at the upper right of the corresponding Song name. To cancel this setting, press the [8▼] (NEXT CANCEL) button.

5 **Press the SONG [■] (STOP) button to stop playback.**

Operations During Playback

• Synchro Start

You can start playback as soon as you start playing the keyboard. While playback is stopped, hold down the SONG [■] (STOP) button and press the [▶/❙❙] (PLAY/PAUSE) button.
To cancel the Synchro Start function, hold down the SONG [■] (STOP) button and press the [▶/❙❙] (PLAY/PAUSE) button once again.

• Pause

Press the [▶/❙❙] (PLAY/PAUSE) button. Pressing it again resumes Song playback from the current position.

• Rewind/Fast Forward

Press the [◀◀] (REW) or [▶▶] (FF) button once to move back/forward one measure. Hold the [◀◀] (REW) or [▶▶] (FF) button to scroll backward/forward continuously.

Pressing the [◀◀] (REW) or [▶▶] (FF) button calls up a pop-up window showing the current measure number (or Phrase Mark number) in the display. While the Song Position pop-up is shown on the display, you can also use the [DATA ENTRY] dial to adjust the value.

For Songs not containing Phrase Marks
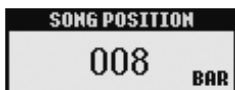
For Songs containing Phrase Marks
You can switch between BAR and PHRASE MARK by pressing the [E] button.
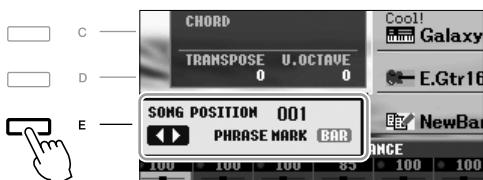
• Adjusting the Tempo

Same procedure as with Style tempo. See page 43.

• Fading In/Out

Same procedure as with Style. See page 44.

NOTE

Phrase Mark is a pre-programmed marker in a certain Song data, which specifies a certain location in the Song.

NOTE

You can adjust the Song volume balance between the Song and Keyboard. See page 48. In the Mixing Console display, you can adjust the volume for each Song part. See page 82.

NOTE

You can also turn the specific part(s) on or off. See page 54.

NOTE

You can transpose the Song playback. See page 34.

Restrictions for protected Songs

Commercially available Song data may be copy protected to prevent illegal copying or accidental erasure. They are marked by the indications at the upper left side of the file names. The indications and relevant restrictions are detailed below.

- **Prot. 1:** Indicates Preset Songs saved to the User drive. These cannot be copied/moved/saved to external devices.

- **Prot. 2 Orig:** Indicates Yamaha-protection-formatted Songs. These cannot be copied. These can be moved/saved only to the User drive and USB storage devices with ID.

- **Prot. 2 Edit:** Indicates edited "Prot. 2 Orig" Songs. Make sure to save these to the same folder containing the corresponding "Prot. 2 Orig" Song. These cannot be copied. These can be moved/saved only to the User drive and USB storage devices with ID.

Note for "Prot. 2 Orig" and "Prot. 2 Edit" Song file operation

Make sure to save the "Prot. 2 Edit" Song to the same folder containing its original "Prot. 2 Orig" Song. Otherwise the "Prot. 2 Edit" Song cannot be played back. Also, if you move a "Prot. 2 Edit" Song, be sure to move its original "Prot. 2 Orig" Song to the same location (folder) at the same time. For information about compatible USB storage devices for saving protected Songs, visit the Yamaha website.

Displaying Music Notation (Score)

You can view the music notation (score) of the selected Song. We suggest that you read through the music notation before starting to practice.

1 **Select a Song (steps 1 – 3 on page 49).**

2 **Press the [SCORE] button to call up the Score display.**

You can look through the entire notation by using the TAB [◀][▶] buttons when the Song playback is stopped.
As starting playback, the "ball" bounces along through the score, indicating the current position.
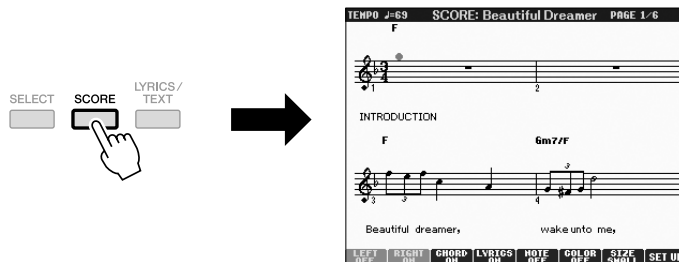
You can change the displayed notation style by using the [1 ▲▼] – [8 ▲▼] buttons. For details, refer to the Reference manual on the website.

NOTE

The instrument can display the music notation of commercially-available music data or your recorded Songs.

NOTE

The displayed notation is generated by the instrument based on the Song data. As a result, it may not be exactly the same as commercially available sheet music of the same song — especially when displaying notation of complicated passages or many short notes.

Displaying Lyrics (Text)

When the selected Song contains lyric data, you can view it on the instrument's display during playback.

1 **Select a Song (steps 1 – 3 on page 49).**

2 **Press the [LYRICS/ TEXT] button to call up the Lyrics display.**

When the Song data contains lyrics data, the lyrics are shown on the display. You can look through the entire lyrics by using the TAB [◄][►] buttons when the Song playback is stopped.

As Song playback starts, the color of the lyrics changes, indicating the current position.
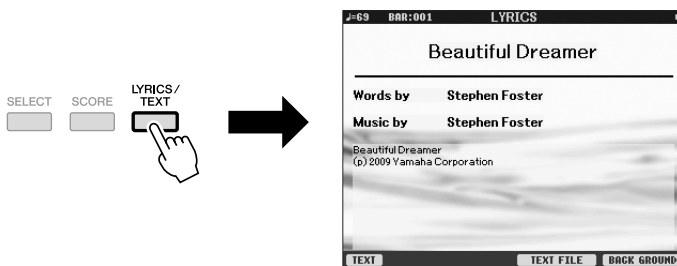
Displaying Text

Even if the Song doesn't contain lyrics data, you can view the lyrics on the display by loading the text file (.txt) created on a computer via USB storage device. This feature enables various useful possibilities, such as the showing of lyrics, chord names, and text notes.

1 **When the Lyrics display is shown, press the [1 ▲▼] (TEXT) button to display the text.**

2 **Press the [5 ▲▼]/[6 ▲▼] (TEXT FILE) button to call up the Text selection display.**

3 **Select the desired text file.**

To return to the Lyrics display, press the [1 ▲▼] (LYRICS) button again.

For more information about the Lyrics/Text display, refer to the Reference manual on the website.

NOTE

(PSR-S910) The Lyrics (text) can be displayed on the external monitor. See page 89.

Turning Song Channels On/Off

A Song consists of 16 separate channels. You can independently turn each channel of the selected Song playback on or off.

1 **Press the [CHANNEL ON/OFF] button once or twice to call up the CHANNEL ON/OFF (SONG) display.**
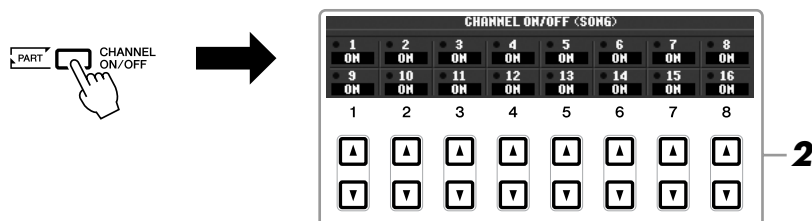
2 **Use the [1 ▲▼] – [8 ▲▼] button to turn each channel on or off.**

If you want to play back only one particular channel (solo playback), press and hold down one of the [1 ▲▼] – [8 ▲▼] buttons corresponding to the desired channel. Only the selected channel is turned to on and others are off. To cancel solo playback, press the same button again.

Practicing the Right-hand Part (Guide Function)

The Guide function indicates the notes you should play, when you should play them, and how long you should hold them down. You can also practice at your own pace — since the accompaniment waits for you to play the notes correctly. Here, mute the right-hand part and try practicing the part.

1 **Select a Song and call up the Score display (page 52).**

2 **Turn the [GUIDE] button on.**
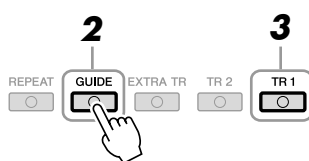
3 **Press the SONG [TR 1] button to mute the right-hand part.**

The indicator of the [TR 1] button goes out. You can now play that part by yourself.

4 **Press the SONG [▶/❙❙] (PLAY/PAUSE) button to start playback.**

Practice the muted part viewing the Score display.

After your practice, turn the [GUIDE] button off.

Other guide functions

There are additional functions in the Guide features, for practicing the timing of playing the keys (Any Key mode) or for Karaoke.
[FUNCTION] → [B] SONG SETTING → [A]/[B] GUIDE MODE
For more information, refer to the Reference Manual on the website.

Repeat Playback

The Song Repeat functions can be used to repeatedly play back a Song or a specific range of measures in a Song. This is useful for repeated practicing of difficult-to-play phrases.

To repeat a Song, turn the [REPEAT] button on and playback the desired Song. Turning the [REPEAT] button off cancels Repeat playback.

Specifying a Range of Measures and Playing them Back Repeatedly (A-B Repeat)

1 **Select a Song (steps 1 – 3 on page 49).**

2 **Press the SONG [▶/❙❙] (PLAY/PAUSE) button to start playback.**

3 **Specify the repeat range.**

Press the [REPEAT] button at the starting point (A) of the range to be repeated. Press the [REPEAT] button again at the ending point (B). After an automatic lead-in (to help guide you into the phrase), the range from Point A to Point B is played back repeatedly.

4 **To stop playback, press the SONG [■] (STOP) button.**

The Song position will return to Point A.

5 **Press the [REPEAT] button to turn off Repeat playback.**

Specifying the repeat range while Songs are stopped

1. Press the [▶▶] (FF) button to advance to the Point A location.
2. Press the [REPEAT] button to specify Point A.
3. Press the [▶▶] (FF) button to advance to the Point B location.
4. Press the [REPEAT] button again to specify Point B.

Recording Your Performance (Quick Recording)

You can record all parts of your performance at once or each part (right-hand, left-hand and Style playback) independently. This is an effective practice tool, allowing you to easily compare your own performance to the original song you are practicing. Before starting recording, make the desired panel settings for your keyboard performance — selecting a Voice, Style, etc.

1 **Press the SONG [REC] button and the [■] (STOP) button simultaneously.**

A blank Song for recording is automatically set.

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

Recording a specific part

In place of step 2, pressing the SONG [TR1] (or [TR2]) button while holding the [REC] button enables you to record only the right-hand (or left-hand) part. Pressing the [EXTRA TR] button while holding the [REC] button enables recording of only Style playback.

---

3 **Start recording.**

Recording begins automatically as soon as you play a note on the keyboard, start Style playback or start Multi Pad playback.

NOTE

When recording without Style playback, turning the [METRONOME] on makes your recording sessions much more efficient. The Metronome tempo can be adjusted by TEMPO [-]/[+] buttons.

NOTE

For Quick Recording, each part will be recorded to the following channels.
Keyboard parts: Ch. 1-3
Multi Pad parts: Ch. 5-8
Style parts: Ch. 9-16

3

Songs – Playing, Practice and Recording Songs –

4 Press the SONG [■] (STOP) button to stop recording.

A message prompting you to save the recorded performance appears. To close the message, press the [EXIT] button.

5 Press the SONG [▶/II] (PLAY/PAUSE) button to play back the recorded performance.

6 Save the recorded performance as a Song.

Press the SONG [SELECT] button to call up the Song Selection display. The recorded Song can be saved in the Song Selection display. Refer to "Saving Files" on page 58 for instructions.

Multi Track Recording

A Song consists of 16 separate channels. With this method, you can record data to each channel independently, one by one. You can also freely change the channel/part assignments with the Multi Track recording.

The procedure is basically the same as that of "Recording Your Performance" on page 56, with the following instructions substituted for step 2 above.

While holding down the SONG [REC] button, press the [1 ▲▼] – [8 ▲▼] buttons to set the desired channels to "REC." Then assign the desired part to the channel by using the [C]/[D] buttons.

If you want to record the Right 1 part to channel 1, for example, press the [1 ▲] button while holding down the [REC] button to set the channel 1 to "REC." Then use the [C]/[D] buttons to select "RIGHT 1."
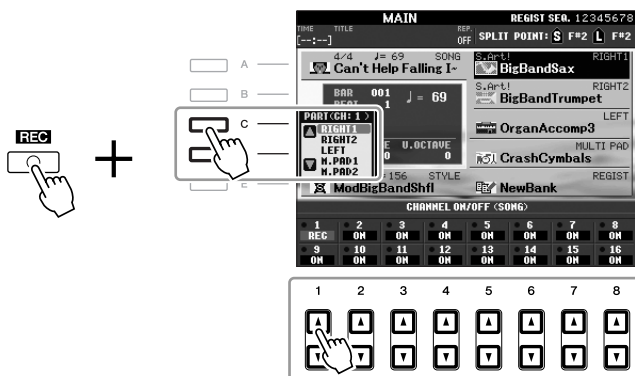
After proceeding with steps 3 – 5, re-select other channels and record other parts as desired.

Saving Files

This operation lets you save your original data (such as Songs you've recorded and Voices you've edited) to a file. The explanations here apply when you save your recorded performance as a Song file.

1 **In the Song selection display, select the appropriate tab (USER or USB) to which you want to save the data by using the TAB [◄][►] buttons.**
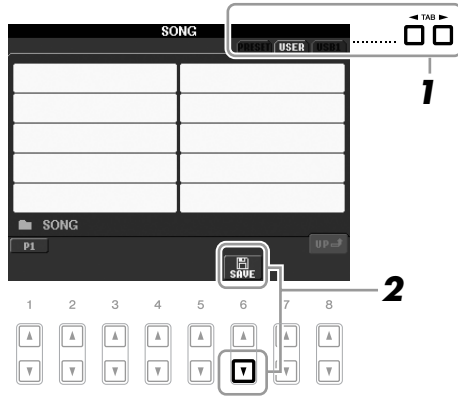
2 **Press the [6 ▼] (SAVE) button to call up the file naming display.**

3 **Enter the file name (page 26).**

Even if you skip this step, you can rename the file at any time after saving (page 60).

4 **Press the [8 ▲] (OK) button to save the file.**

The saved file will be automatically located at the appropriate position among the files in alphabetical order.

File Management

If you've saved a lot of files to a USB flash memory or USER drive, it may be difficult to find the desired file quickly. To make it easier to find the files you want, you can organize your files in folders, rename the files, delete unnecessary files, etc. These operations are done in the File Selection display.

Creating a New Folder

This operation lets you create new folders. Folders can be created, named and organized as desired, making it easier to find and select your original data.

1 **In the file selection display, select the appropriate tab (USER or USB) to which you want to save the data by using the TAB [◀][▶] buttons.**

If you want to create a new folder within the existing folder, also select the folder here.
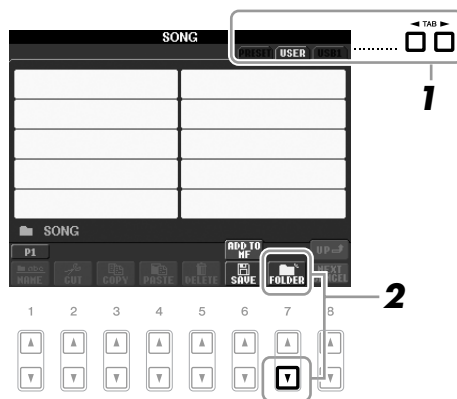
2 **Press the [7 ▼] (FOLDER) button to call up the naming display for a new folder.**

3 **Input the name of the new folder (see page 26).**

3

Songs – Playing, Practice and Recording Songs –

Renaming Files/Folders

This operation lets you rename files/folders.

1 Call up the display containing the file/folder you want to rename.

2 Press the [1 ▼] (NAME) button.

The pop-up window for the Rename operation appears at the bottom of the display.
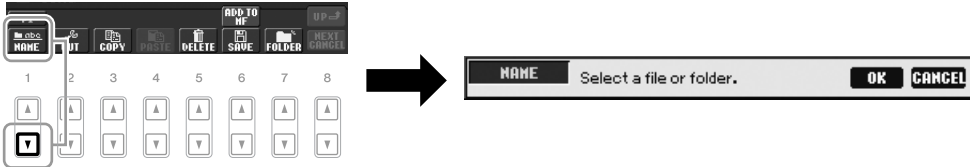
3 Press one of the [A] – [J] buttons corresponding to the desired file/folder.

4 Press the [7 ▼] (OK) button to confirm the file/folder selection.

5 Input the name (characters) of the selected file or folder (page 26).

The renamed file/ folder appears on the display at the appropriate position among the files in alphabetical order.

Copying or Moving Files

This operation lets you copy or cut a file and paste it to another location (folder). You can also copy a folder (but not move it) by using the same procedure.

1 Call up the display containing the file/folder you want to copy.

2 Press the [3 ▼] (COPY) button to copy or [2 ▼] (CUT) to move.

The pop-up window for the Copy/Cut operation appears at the bottom of the display.
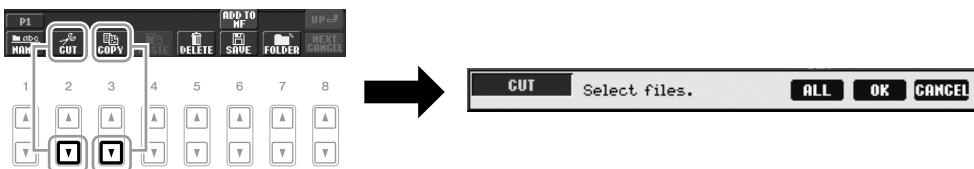
3 Press one of the [A] – [J] buttons corresponding to the desired file/folder.

To cancel the selection, press the same [A] – [J] button again.
Press the [6 ▼] (ALL) button to select all files/folders indicated on the current display including the other pages. To cancel the selection, press the [6 ▼] (ALL OFF) button again.

4 Press the [7 ▼] (OK) button to confirm the file/folder selection.

5 Select the destination tab (USER or USB) to paste the file/folder, by using the TAB [◀][▶] buttons.

If necessary, select the destination folder by using the [A] – [J] buttons.

6 Press the [4 ▼] (PASTE) button to paste the file/folder selected in step 3.

The pasted file/folder appears on the display at the appropriate position among the files in alphabetical order.

Deleting Files/Folders

This operation lets you delete a file/folder.

1 Call up the display containing the file/folder you want to delete.

2 Press the [5 ▼] (DELETE) button.

The pop-up window for the Delete operation appears at the bottom of the display.
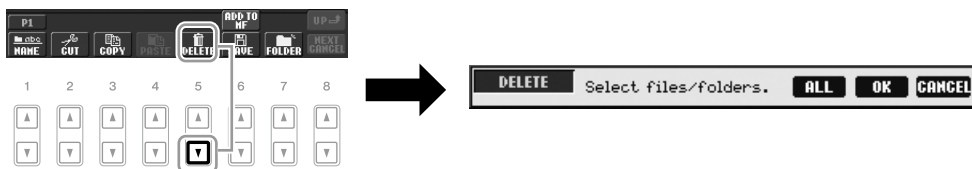
3 Press one of the [A] – [J] buttons corresponding to the desired file/ folder.

To cancel the selection, press the same [A] – [J] button again.
Press the [6 ▼] (ALL) button to select all files/folders indicated on the current display including the other pages. To cancel the selection, press the [6 ▼] (ALL OFF) button again.

4 Press the [7 ▼] (OK) button to confirm the file/folder selection.

5 Follow the on-display instructions.

- **YES**   Delete the file/folder
- **YES ALL**   Delete all selected files/folders
- **NO**   Leave the file/folder as is without deleting
- **CANCEL**   Cancel the Delete operation

Advanced Features

Refer to the Reference Manual on the website, **Chapter 3**.

Editing Music Notation settings:	[SCORE] → [1 ▲▼] – [8 ▲▼] buttons
Editing Lyrics/Text display settings:	[LYRICS/TEXT] → [1 ▲▼] – [8 ▲▼] buttons
Using the Auto Accompaniment Features with the Song Playback:	[ACMP] → STYLE CONTROL [SYNC START] → SONG [■] + [▶/II] → STYLE CONTROL [START/STOP]
Song Playback related parameters:	[FUNCTION] → [B] SONG SETTING
• Keyboard and Vocal Practice Using the Guide Function:	→ [A]/[B] GUIDE MODE
• Playing Backing Parts with the Performance Assistant Technology:	→ [8 ▲▼] P.A.T.
Creating/Editing Songs (Song Creator):	[FUNCTION] → [F] DIGITAL REC MENU → [A] SONG CREATOR
• Recording Melodies (Step Recording):	→ TAB [◀][▶] 1-16
• Recording Chords (Step Recording):	→ TAB [◀][▶] CHORD
• Re-Recording a Specific Section— Punch In/Out:	→ TAB [◀][▶] REC MODE
• Editing Channel Events:	→ TAB [◀][▶] CHANNEL
• Editing Chord events, Notes, System Exclusive events and Lyrics:	→ TAB [◀][▶] CHORD, 1-16, SYS/EX. or LYRICS

3

Songs – Playing, Practice and Recording Songs –

Multi Pads

– Adding Musical Phrases to Your Performance –
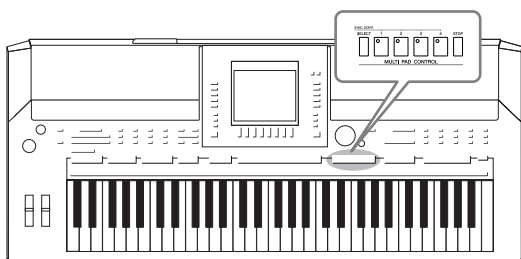
The Multi Pads can be used to play a number of short pre-recorded rhythmic and melodic sequences that can be used to add impact and variety to your keyboard performances. Multi Pads are grouped in Banks or four each. The PSR-S910/S710 features a variety of Multi Pad Banks in a variety of different musical genres.

Playing the Multi Pads

1 Press the MULTI PAD CONTROL [SELECT] button to call up the Multi Pad Bank Selection display, then select the desired bank.

Select pages using the [1 ▲] – [7 ▲] buttons that correspond to "P1, P2..." in the display or pressing the MULTI PAD CONTROL [SELECT] button repeatedly, then use the [A] – [J] buttons to select the desired bank.
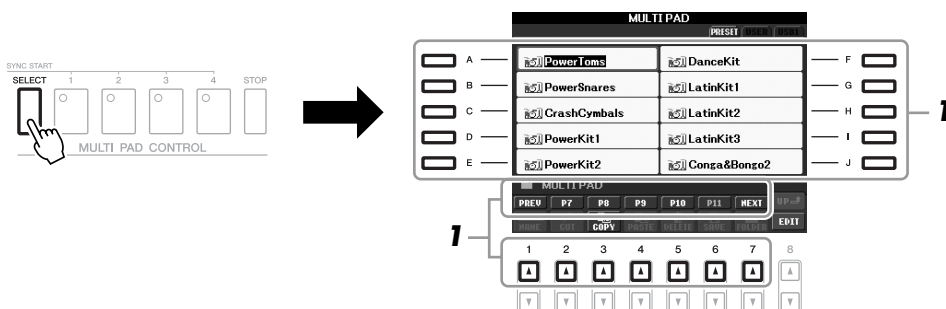
2 Press any of the MULTI PAD CONTROL [1] – [4] buttons to play a Multi Pad phrase.

The corresponding phrase (in this case, for Pad 1) starts playing back in its entirety at the currently set tempo. You can even play two or more Multi Pads at the same time.

NOTE

There are two types of Multi Pad data. Some types will play back once and stop when they reach to the end. Others will be play back repeatedly.

NOTE

Pressing the pad during its playback will stop playing and begin playing from the top again.
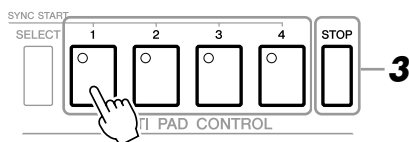
3 Press the [STOP] button to stop playback of the Multi Pad(s).

If you want to stop specific pads, simultaneously hold down the [STOP] button and press the pad(s) you wish to stop.

About the color of the Multi Pads

- **Green:** Indicates that the corresponding pad contains data (phrase).
- **Red:** Indicates that the corresponding pad is playing back.
- **Red (flashing):** Indicates that the corresponding pad is in standby (Synchro Start).

Using the Multi Pad Synchro Start Function

While holding the MULTI PAD CONTROL [SELECT] button, press one of the MULTI PAD CONTROL [1] – [4] buttons to put the Multi Pad playback in standby. The corresponding button will flash in red. You can even play two, three, or four Multi Pads at the same time.
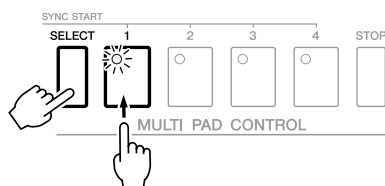
The Multi Pad currently set to standby will start playing when you play back a Style, press any note on the keyboard (when [ACMP] is off), or play a chord with your left hand (when [ACMP] is on). If you put the Multi Pad in standby during Song/Style playback, pressing any note on the keyboard will start the Multi Pad playback at the top of next bar.
When two or more Multi Pads are in standby, pressing one of them simultaneously starts all Multi Pads that are set to standby.

To cancel Synchro Start, while holding the MULTI PAD CONTROL [SELECT] (or [STOP]) button, press one of the [1] – [4] buttons. Pressing the MULTI PAD CONTROL [STOP] button once cancels Synchro Start of all buttons.

Using Chord Match

Many of the Multi Pad phrases are melodic or chordal and you can have these phrases automatically change chords along with the chords you play with your left hand. When the [ACMP] is on or LEFT part is on, simply play a chord with your left hand and press any of the Multi Pads— Chord Match changes the pitch to match the chords you play. Keep in mind that some Multi Pads are not affected by Chord Match.
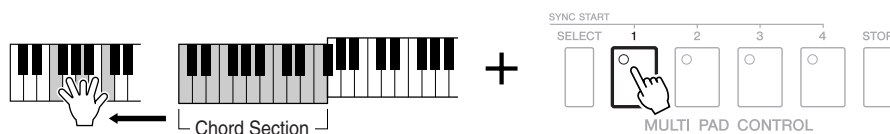
In this example, the phrase for Pad 1 will be transposed into F major before playing back. Try out other various chord types while playing the Multi Pads.

Advanced Features
Refer to the Reference Manual on the website, **Chapter 4**.

Multi Pad creating (Multi Pad Creator):	[FUNCTION] → [F] DIGITAL REC MENU → [C] MULTI PAD CREATOR
Multi Pad editing:	Multi Pad Bank Selection display → [8▼] (EDIT)

Music Finder

– Calling Up Ideal Setups (Voice, Style, etc.) for Each Song –
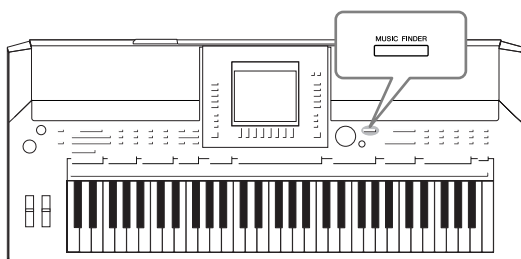
If you want to play in a certain genre of music but don't know which Style and Voice settings would be appropriate, the convenient Music Finder function can help you out. Simply select the desired music genre (or song title) from among the Music Finder panel settings, and the instrument automatically makes all appropriate panel settings to let you play in that music style. Moreover, by registering the Song/Audio data saved in various places into Music Finder, the instrument can easily call up the relevant data from the song title. The Music Finder Plus function gives you the added capability, by connecting the instrument to the Internet, of searching for and adding desired panel settings and song data via the Internet to the instrument.

Loading panel settings from the website

As a factory default, some sample records (panel settings) are provided in the Music Finder. By downloading many panel settings from Yamaha website and importing them to the instrument, you can use the Music Finder function more conveniently and effectively. Moreover, the Repertoire function (page 44) can also be enhanced by importing the panel settings. Before using the Music Finder function, we recommend that you load the panel settings from the website following the instructions below. http://services.music.yamaha.com/musicfinder/

1 **Download the Music Finder panel settings file from the website to the USB storage device.**

2 **Connect the USB storage device which contains the panel settings file to the [USB TO DEVICE] terminal of the instrument.**

3 **Press the [MUSIC FINDER] button to call up the MUSIC FINDER display.**
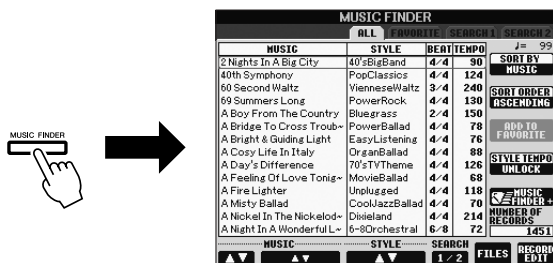
4 **Press the [7 ▲▼] (FILES) button to call up the File Selection display.**

5 Use the TAB [◀][▶] buttons to call up the USB display containing the panel settings file downloaded from the website.
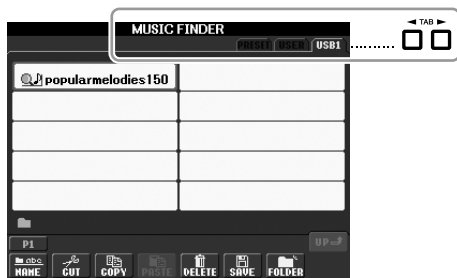
6 Press the button which corresponds to the file to display the message for selecting REPLACE/APPEND of the panel settings.

7 Press the [F] (REPLACE) button to delete all records currently in the instrument and replace them with the records of the selected file.

Press the [G] (YES) button at the confirmation prompt.

8 Press the [F] (YES) button in the message display (indicating completion of the replace operation) to call up the MUSIC FINDER display.

By checking the number of records in the MUSIC FINDER display, you can confirm the record has been replaced.

The number of records

About the Music Finder Records

Each data which can be called up from the MUSIC FINDER display is called a "record." There are three following different records.

- **Panel Settings**

   Setting data, such as Styles, Voices, etc.

- **Song (SONG)**

   Song data which is registered to the Music Finder from the Song Selection display (page 49)

- **Audio (AUDIO)**

   Audio data which is registered to the Music Finder from the USB Audio Selection display (page 75)

Selecting the Desired Song from among the Panel Settings

1 Press the [MUSIC FINDER] button to call up the MUSIC FINDER display.

In the ALL display, all the records are shown.

Shows the song title and information of the Style assigned to the panel settings.

2 Use the [2 ▲▼]/[3 ▲▼] buttons to select the desired Panel Settings.

You can also use the [DATA ENTRY] dial and the [ENTER] button.

Sorting the records

Press [F] (SORT BY) button to sort the records by MUSIC, STYLE, BEAT and TEMPO. Press the [G] (SORT ORDER) button to change the order of the records (ascending or descending).

When sorting records by MUSIC, you can use the [1 ▲▼] button to skip up or down through the songs alphabetically. When sorting records by STYLE, you can use the [4 ▲▼]/[5 ▲▼] button to skip up or down through the Styles alphabetically. Simultaneously press the [▲] and [▼] buttons to move the cursor to the first record.

---

3 Play the chords in the left-hand section (page 32) of the keyboard.

Searching the Panel Settings

You can search the records by specifying a song name or keyword, using the Search function of the Music Finder.

1 From the ALL page of the MUSIC FINDER display, press the [6 ▲] (SEARCH 1) button to call up the Search display.

2 Enter the search criteria.

[A]	MUSIC	Searches by song name. Pressing the [A] button calls up the pop-up window to enter the song name. To clear the entered Music, press the [F] (CLEAR) button.
[B]	KEYWORD	Searches by keyword. Pressing the [B] button calls up the pop-up window to enter the keyword. To clear the entered Keyword, press the [G] (CLEAR) button.
[C]	STYLE	Searches by Style. Pressing the [C] button calls up the Style Selection display. After selecting the desired Style, press the [EXIT] button to return back to the Search display. To clear the entered Style, press the [H] (CLEAR) button.
[D]	BEAT	Specifies the time signature for the search. All beat settings are included in the search if you select ANY.
[E]	SEARCH AREA	Selects a specific location (the tab of the upper part of the MUSIC FINDER display) for searching.
[1 ▲▼]	ALL CLEAR	Clears all entered search criteria.
[3 ▲▼]	TEMPO FROM	Sets the range of the tempo you want to use for the search.
[4 ▲▼]	TEMPO TO	
[5 ▲▼]/ [6 ▲▼]	GENRE	Selects the desired music genre.

To cancel searching, press the [8 ▼] (CANCEL) button.

3 Press the [8 ▲] (START SEARCH) button to start the search.
The Search 1 display appears, showing the results of the search.

Registering the Song/Audio data (SONG/AUDIO)

By registering the Song/Audio data saved in various places (Song Selection display: page 49; USB Audio Selection display: page 75) into Music Finder, the instrument can call up song data easily from the song title.

1 Display the Song data.

Song data (SONG) in the Song Selection display
Press the SONG [SELECT] button to display the song data (Song file) in the Song Selection display.
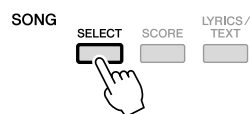
NOTE
You can search several different Keywords simultaneously by inserting a separator (comma) between each.

NOTE
If you select a beat of 2/4 or 6/8, a Style suitable for performing a song in 2/4 and 6/8 beat can be searched, but the actual Style is created by using a 4/4 beat.

NOTE
When searching Song/Audio files (page 66), it is necessary to set the search criteria as follows.
STYLE: Blank
BEAT: ANY
TEMPO: "---" - "---"

NOTE
If you wish to search another criteria, press the [6 ▼] (SEARCH 2) button in the Music Finder display. The search result is displayed in the SEARCH 2 display.

NOTE
If you want to register the Song/Audio data of the USB storage device, connect the USB storage device containing the data to the [USB TO DEVICE] terminal.

NOTE
Before using a USB storage device, be sure to read "Connecting a USB Storage Device" on page 94.

Song data (AUDIO) in the USB Audio Selection display

1-1 Press the [USB] button to call up the Playback display (AUDIO PLAYER display).
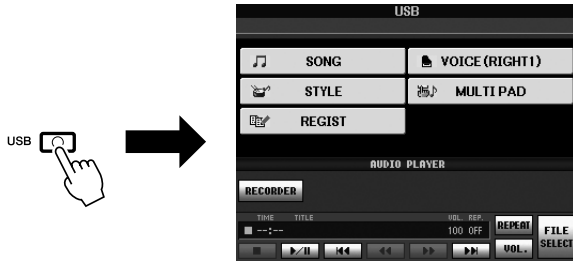
1-2 Press the [8 ▲▼] (FILE SELECT) button to display the song data (Audio file) in the connected USB storage device.

2 Press the [A] – [J] buttons corresponding to the desired file.

3 Press the [6 ▲] (ADD TO MF) button to register the selected data to Music Finder.

The display automatically changes to the Music Finder Record Edit display.

4 Press [8 ▲] (OK) button to start the registration.

Press the [8 ▼] (CANCEL) button to cancel the registration.

5 Check the song data (SONG/AUDIO) is added in the MUSIC FINDER display.

The song data is shown as SONG or AUDIO in the STYLE column.

Recalling the registered song data from Music Finder

You can recall the registered song data in the same way as done in the "Selecting the Desired Song from among the Panel Settings" and "Searching the Panel Settings" (page 67).

- To play back the recalled Song data, press the SONG [▶/❙❙] button after selecting the SONG record.
- To play back the recalled audio data, press the [USB] button, then press the [2 ▲▼] (▶/❙❙) button after selecting the AUDIO record.

Added convenience using the Internet (Music Finder+)

This service gives you the capability, by connecting the instrument to the Internet, of searching for and adding desired panel settings and song data via the Internet to the instrument. Let's connect the instrument to the Internet, and press the [J] (MUSIC FINDER+) button on the MUSIC FINDER display!
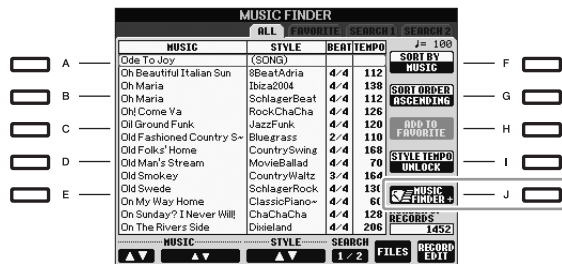
For more details about this service, refer to the following website.
http://services.music.yamaha.com/musicfinder/

Advanced Features

Refer to the Reference Manual on the website, **Chapter 5**.

Creating a Set of Favorite Records:	[MUSIC FINDER] → TAB [◀][▶] ALL → [H] (ADD TO FAVORITE)
Editing Records:	[MUSIC FINDER] → [8 ▲▼] (RECORD EDIT)
Saving the Record as a Single File:	[MUSIC FINDER] → [7 ▲▼] (FILES)
Viewing Record Information on the Internet (MUSIC FINDER Plus):	[MUSIC FINDER] → [J] (MUSIC FINDER +)

Music Finder – Calling Up Ideal Setups (Voice, Style, etc.) for Each Song –

5

Registration Memory

– Saving and Recalling Custom Panel Setups –
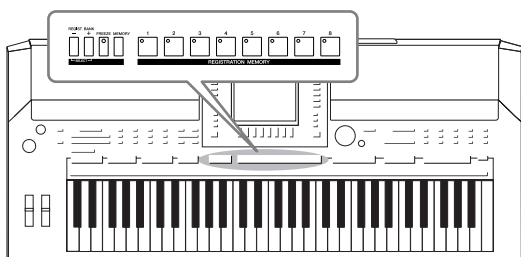
The Registration Memory function allows you to save (or "register") virtually all panel settings to a Registration Memory button, and then instantly recall your custom panel settings by simply pressing a single button. The registered settings for eight Registration Memory buttons should be saved as a single Bank (file).

Registering Your Panel Setups

1 **Set up the panel controls (such as Voice, Style, effects, and so on) as desired.**

2 **Press the [MEMORY] button in the REGISTRATION MEMORY section.**

The display for selecting the items to be registered appears.
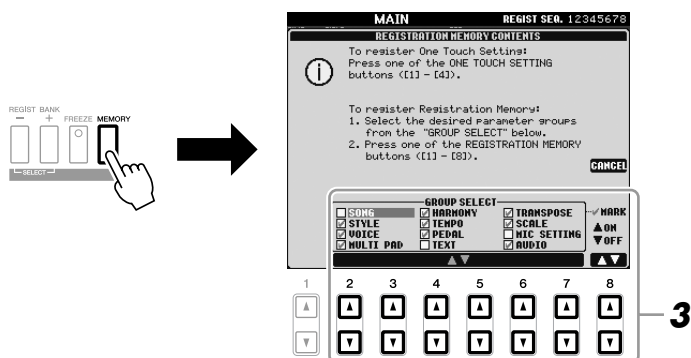
3 **Determine the items you want to register.**

Select the desired item by using the [2▲▼] – [7▲▼] buttons, then enter or remove the checkmark by using the [8▲] (MARK ON)/ [8▼] (MARK OFF) buttons.
To cancel the operation, press the [I] (CANCEL) button.

4 Press one of the REGISTRATION MEMORY [1] – [8] buttons to which you wish to memorize the panel setup.
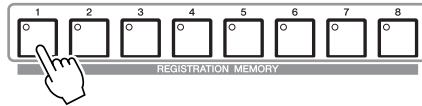
The memorized button becomes red, which indicates the number button contains data and its number is selected.

> **About the lamp status**
> - **Red:** Data registered and currently selected
> - **Green:** Data registered but not currently selected
> - **Off:** No data registered

5 Register various panel setups to other buttons by repeating steps 1 – 4.

The registered panel setups can be recalled by simply pressing the desired number button.

NOTE

The panel setups registered in the numbered buttons are preserved even when you turn off the power. If you want to delete all the eight current panel setups, turn the [STANDBY/ON] button on while holding the B5 key (right-most B key on the keyboard).

Saving the Registration Memory as a Bank file

You can save all the eight registered panel setups as a single Registration Memory Bank file.
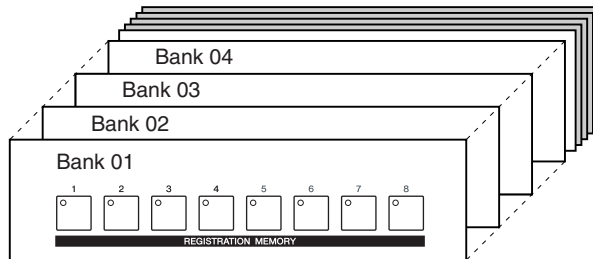
1 Press the REGIST BANK [+] and [-] buttons simultaneously to call up the Registration Bank Selection Display.
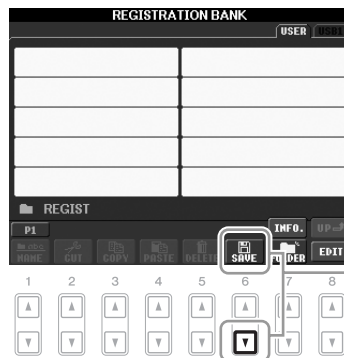
2 Press the [6▼] (SAVE) button to save the Bank file.

For instructions on saving, refer to page 58.

Recalling a Registered Panel Setup

The saved Registration Memory Bank files can be recalled by using the REGIST BANK [-]/[+] buttons or the following procedure.

1 Press the REGIST BANK [+] and [-] buttons simultaneously to call up the REGISTRATION BANK Selection Display.
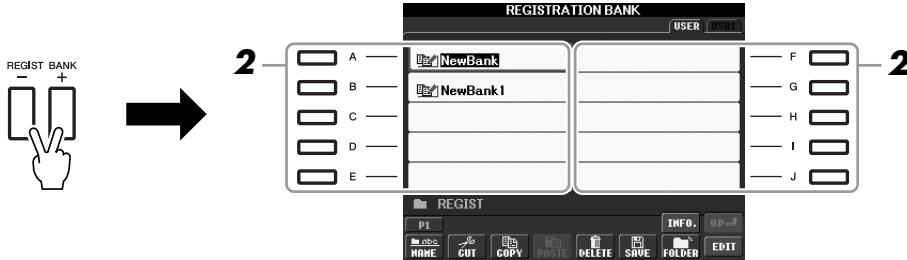
2 Press one of the [A] – [J] buttons to select a Bank.

You can also use the [DATA ENTRY] dial and the [ENTER] button to select a Bank.

3 Press one of the green-lit numbered buttons ([1] – [8]) in the Registration Memory section.

6

Registration Memory – Saving and Recalling Custom Panel Setups –

Confirming the Registration Memory Information

You can call up the information display to take a look which Voices and Style are memorized to the [1] – [8] buttons of a Registration Memory Bank.

1 Simultaneously press the REGIST BANK [+] and [-] buttons to call up the Registration Bank Selection display, then use the [A] – [J] buttons to select the desired Bank.

2 Press the [7▲] (INFO.) button to call up the information display.
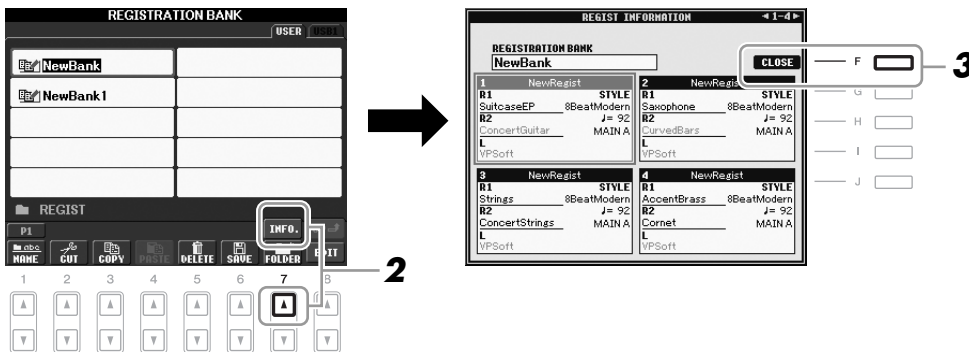
By using the TAB [◄][►] buttons, you can switch between the two information display pages: information for the Registration Memory [1] – [4] buttons and information for the [5] – [8] buttons.

3 Press the [F] (CLOSE) button to close the information display.

NOTE

If some Voice part is set to off (PSR-S910), the Voice name for corresponding part is shown in gray. (On the PSR-S710, the Voice part name for corresponding part is shown in gray.)

Advanced Features
Refer to the Reference Manual on the website, **Chapter 6**.

Disabling recall of specific items:	[FUNCTION] → [E] REGIST SEQUENCE/FREEZE/ VOICE SET → TAB [◄][►] FREEZE
Calling up Registration Memory numbers in order:	[FUNCTION] → [E] REGIST SEQUENCE/FREEZE/ VOICE SET → TAB [◄][►] REGISTRATION SEQUENCE

6

Registration Memory – Saving and Recalling Custom Panel Setups –

USB Audio

– Playback and Recording Audio Files –
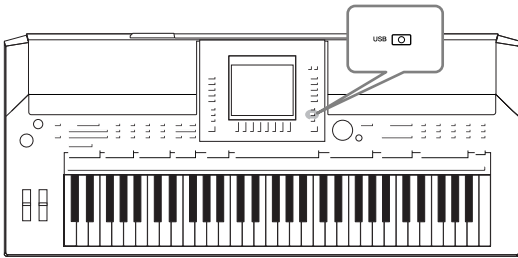
The convenient USB Audio function allows you to play back audio files (WAV or MP3) stored to a USB flash memory device—directly from the instrument. Moreover, since you can record your performances and recordings as audio data (.WAV) to a USB flash memory device, it is possible to play back the files on computer, share them with your friends, and record your own CDs to enjoy as well.

Playing Back Audio Files

Try playing back audio files from USB flash memory on this instrument.

File formats that can be played back

.wav	44.1 kHz sample rate, 16 bit resolution, stereo	PSR-S910 PSR-S710
.mp3	44.1/48.0 kHz sample rate, 64-320 kbps and variable bit rate, mono/stereo	PSR-S910

Connect the USB flash memory device containing the audio files to play back to the [USB TO DEVICE] terminal.

1 Press the [USB] button to call up the Playback display (AUDIO PLAYER display).
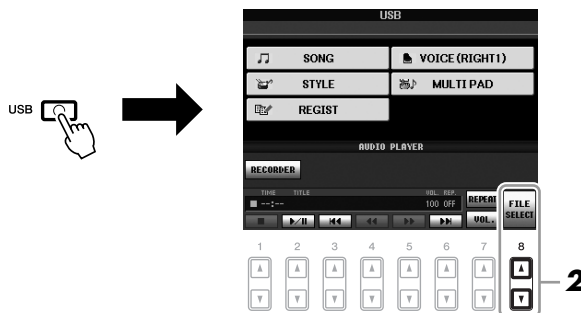
2 Press the [8 ▲▼] (FILE SELECT) button to display the audio files saved to the connected USB flash memory.

3 Press one of the [A] – [J] buttons corresponding to the file you want to listen to.
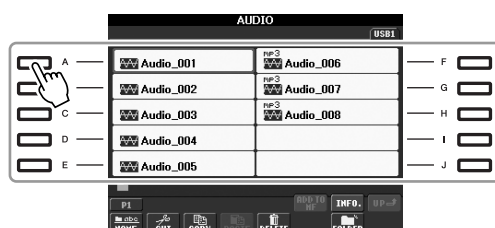
NOTE
The instrument cannot be play back DRM protected files.

NOTE
Before using a USB flash memory, be sure to read "Connecting a USB Storage Device" on page 94.

4 **Press the [EXIT] button to return to the Playback display (AUDIO PLAYER display).**

5 **Press the [2 ▲▼] (▶/❚❚) button to play back.**
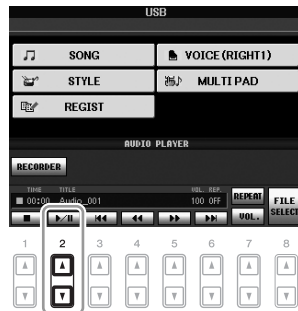
Playback-related Operations

You can stop, pause, select, rewind, and forward by using the [1 ▲▼] – [6 ▲▼] buttons. Moreover, you can set the REPEAT mode by pressing the [7 ▲] button and adjust the volume by pressing the [7 ▼] button.
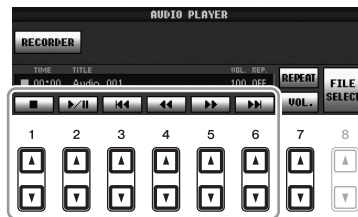
• Playing back audio files repeatedly

Press the [7 ▲] (REPEAT) button then set the REPEAT mode of the audio file by using the [7 ▲▼] buttons. To close the setting display, press the [8 ▲▼] (CLOSE) button.
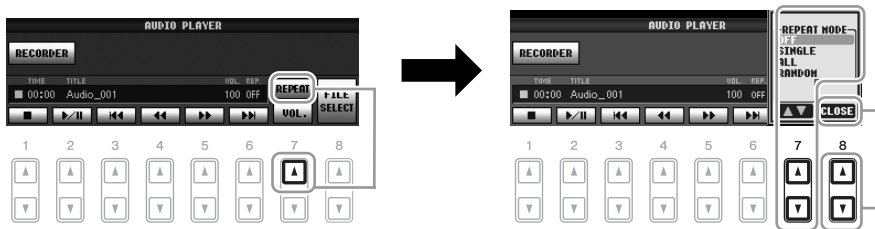
OFF	Plays through the selected file, then stops.
SINGLE	Plays through the selected file repeatedly.
ALL	Continues playback through all the files in the folder containing the current file repeatedly.
RANDOM	Randomly and repeatedly plays back all files in the folder containing the current file.

• **Adjusting volume for audio playback**

Press the [7 ▼] (VOL.) button then adjust the volume for audio files by using the [7 ▲▼] buttons. To close the setting display, press the [8 ▲▼] (CLOSE) button.
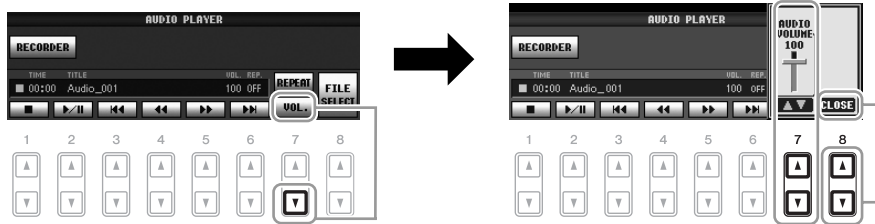
Recording Your Performance as Audio

Try recording your performance as audio data (WAV file) to a USB flash memory. For example, when using the PSR-S910, you can record an ensemble performance of guitar and keyboard together or record yourself singing along with song playback by connecting a guitar, microphone or other device to the instrument. The maximum amount of recording time is 80 minutes per recording, though this may differ depending on the capacity of the particular USB flash memory.

The following sounds can be recorded.
• Internal tone generator of the instrument.
  Keyboard parts (Right 1, Right 2, Left), Song parts, Style parts, Multi Pad parts
• (PSR-S910) Input from a microphone, guitar or other instrument (via the [MIC/LINE IN] jack).
• (PSR-S910) Input from another audio device, such as a CD player, MP3 player or the like (via the [MIC/LINE IN] jack).

The recorded data using this function is saved as:
• Stereo WAV data
• 44.1 kHz sample rate/16 bit resolution

1 Connect the USB flash memory to the [USB TO DEVICE] terminal.

2 Set the desired Voice, etc. which you want to use for your performance. (For information setting the Voice, see page 29; for setting the Style, see page 39; for connecting a microphone on the PSR-S910, see page 90.)

3 Press the [USB] button.

4 **Press the [E] (RECORDER) button to call up the Recording display (USB AUDIO RECORDER display).**

Check the information of the USB flash memory as a recording destination

On the display of step 4, press the [E] (PROPERTY) button to check the number of the USB flash memory device, memory size of the device, available recording space on the device, and available time for recording.

DRIVE NAME	USB1
ALL SIZE	1.92(GBytes)
FREE AREA	1.82(GBytes)
POSSIBLE TIME	184(minutes)
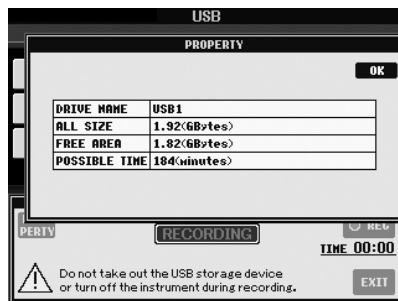
Press the [F] (OK)/[EXIT] button to close the PROPERTY display.

---

5 **Start recording by pressing the [J] (REC) button, then start your performance.**

When recording begins, the elapsed recording time is shown on the right side of the Recording display.

⚠ CAUTION
Never attempt to disconnect the USB flash memory or turn the power off during playback. Doing so may corrupt the USB flash memory data or the recording data.
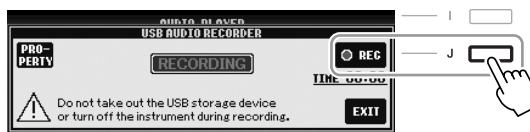
6 **Stop recording by pressing the [J] (STOP) button.**

The file name is automatically named, and a message indicating the file name is displayed.

NOTE
Even if you make a mistake in your performance, you cannot overwrite an existing file. Delete the recorded file on the File Selection display, then record your performance again.

NOTE
The recording operation continues, even if you close the Recording display by pushing the [EXIT] button. Press the [E] (RECORDER) button to call up the Recording display again, then stop the recording by pressing the [J] (STOP) button.

7

USB Audio – Playback and Recording Audio Files –

Mixing Console

– Editing the Volume and Tonal Balance –
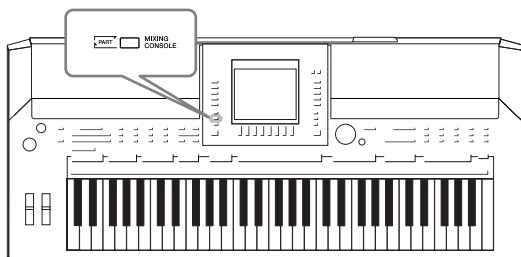
The Mixing Console gives you intuitive control over aspects of the keyboard parts and Song/Style channels, including volume balance and the timbre of the sounds. It lets you adjust the levels and stereo position (pan) of each Voice to set the optimum balance and stereo image, and lets you set how the effects are applied.

Basic Procedure

1 **Press the [MIXING CONSOLE] button to call up the MIXING CONSOLE display.**
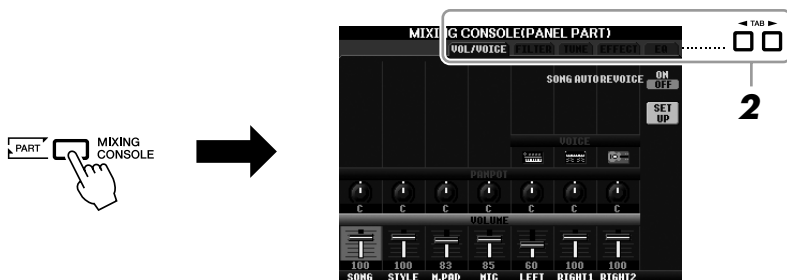
2 **Use the TAB [◀][▶] buttons to call up the desired page.**

For details about each display Page, refer to the Reference Manual on the website.

- **• VOL/VOICE**
  Changes the Voice for each part and adjusts panning and volume for each part (page 81). Using the Auto Revoice function, you can also convert the sound of commercially available XG song to the special sound using this instrument's special Voices.

- **• FILTER**
  Adjusts the Harmonic Content (resonance) and sound brightness.

- **• TUNE**
  Pitch-related settings (tuning, transpose, etc.).

- **• EFFECT**
  Selects effect type and adjusts its depth for each part (page 83).

- **• EQ**
  Adjusts equalization parameters to correct the tone or timbre of the sound.

3 **Press the [MIXING CONSOLE] button repeatedly to call up the MIXING CONSOLE display for the relevant parts.**

The part name is indicated at the top of the display.

PANEL PART	Song, Style, Multi Pad, MIC (only PSR-S910), Keyboard parts (Left, Right 1, 2)
STYLE PART	Rhythm 1, 2, Bass, Chord 1, 2, Pad, Phrase 1, 2
SONG CH 1-8	Song channels 1 – 8
SONG CH 9-16	Song channels 9 – 16
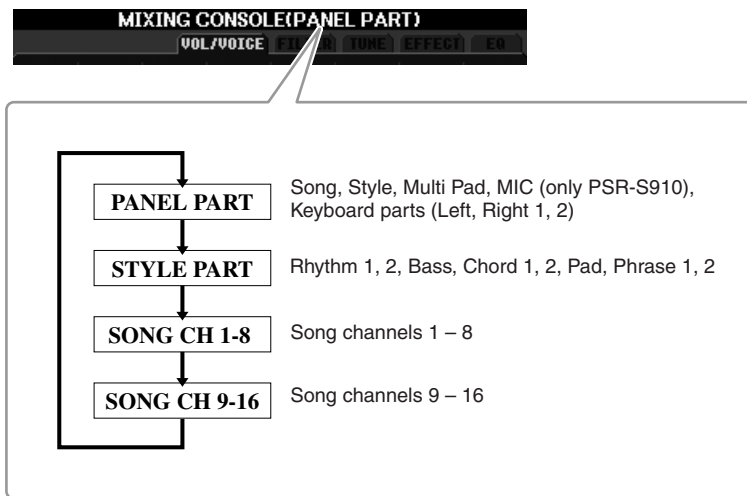
4 **Use the [A] – [J] buttons to select a parameter, then use the [1 ▲▼] – [8 ▲▼] buttons to set the value for each part.**

5 **Save your MIXING CONSOLE settings.**

- **To save the PANEL PART display settings:**
  Register them to Registration Memory (page 71).

- **To save the STYLE PART display settings:**
  Save them as Style data.
  1. Call up the operation display.
  [FUNCTION] → [F] DIGITAL REC MENU →
  [B] STYLE CREATOR
  2. Press the [EXIT] button to close the REC CHANNEL display.
  3. Press the [I] (SAVE) button to call up the Style Selection display for saving your data, then save it (page 58).

- **To save the SONG CH 1-8/9-16 display settings:**
  First register the edited settings as part of the Song data (SETUP), then save the Song.
  1. Call up the operation display.
  [FUNCTION] → [F] DIGITAL REC MENU →
  [A] SONG CREATOR
  2. Use the TAB [◀][▶] buttons to select the CHANNEL Page.
  3. Use the [A]/[B] buttons to select "SETUP."
  4. Press the [D] (EXECUTE) button.
  5. Press the [I] button to call up the Song Selection display for saving your data, then save it (page 58).

Changing Voices and Adjusting Panning/Volume for Each Part

You can change the Voice and adjust panning and volume for each keyboard part, Style channel or Song channel.

Changing the Voice for each part

1   **Same operation as in the "Basic Procedure" on page 79. In step 2, select VOL/VOICE tab.**

2   **Press the [C] (or [H]) button to select the VOICE parameter.**
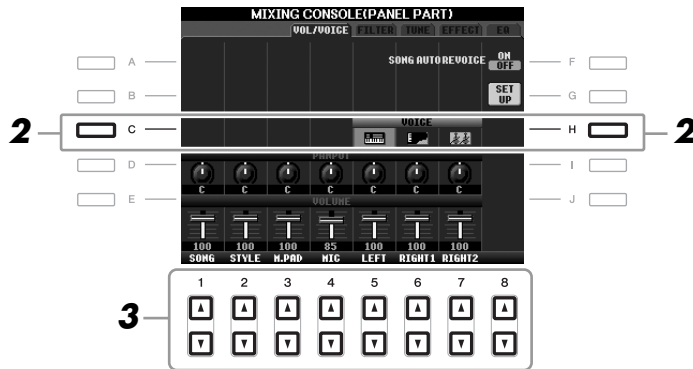
3   **Press one of the [1 ▲▼] – [8 ▲▼] buttons to select the desired part.**

The Voice Selection display appears.

4   **Select a Voice.**

Press one of the Voice category selection buttons on the panel, then select a Voice by using the [A] – [J] buttons (page 29).

5   **Press the [EXIT] button to return to the MIXING CONSOLE display.**

6   **Save your settings (step 5 on page 80).**

Mixing Console – Editing the Volume and Tonal Balance –

8

Adjusting Panning/Volume for each part

1 Same operation as in the "Basic Procedure" on page 79. In step 2, select VOL/VOICE tab.

2 Press the [D] (or [I]) button to select the PANPOT parameter or press the [E] (or [J]) button to select the VOLUME parameter.
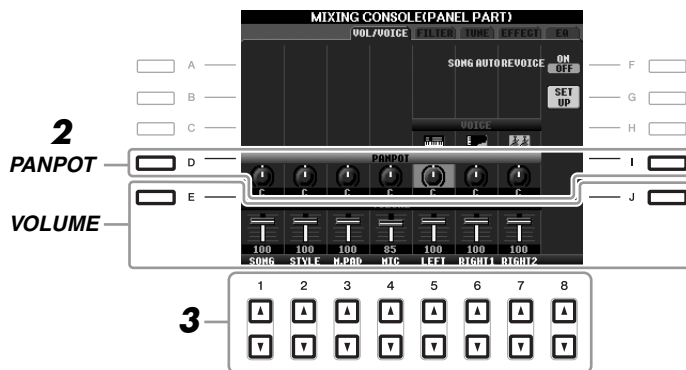
3 Use the [1 ▲▼] – [8 ▲▼] buttons to adjust panning/volume for the desired part.

4 Save your settings (step 5 on page 80).

Mixing Console – Editing the Volume and Tonal Balance –

8

Applying Effects to Each Part

1 Same operation as in the "Basic Procedure" on page 79. In step 2, select EFFECT tab.

2 Use the [C]/[D]/[E] buttons to select the desired effect.

- **REVERB:**
  Reproduce the warm ambience of playing in a concert hall or jazz club.

- **CHORUS:**
  Produces a rich "fat" sound as if several parts are being played simultaneously.

- **DSP:**
  By default, the most appropriate effect for the selected Voice has been selected.

3 Use the [1 ▲▼] – [8 ▲▼] buttons to adjust the depth of each effect for the desired part.

4 Save your settings (step 5 on page 80).

Advanced Features
Refer to the Reference Manual on the website, **Chapter 8**.

Converting XG Song Voice to this instrument's Voice (Song Auto Revoice):	[MIXING CONSOLE] → TAB [◄][►] VOL/VOICE → [G] SET UP
Editing FILTER parameters:	[MIXING CONSOLE] → TAB [◄][►] FILTER
Editing TUNE parameters:	[MIXING CONSOLE] → TAB [◄][►] TUNE
Changing an Effect type:	[MIXING CONSOLE] → TAB [◄][►] EFFECT → [F] TYPE
Editing EQ parameters:	[MIXING CONSOLE] → TAB [◄][►] EQ

Mixing Console – Editing the Volume and Tonal Balance –

8

Internet Direct Connection

– Connecting the PSR-S910/S710 Directly to the Internet –
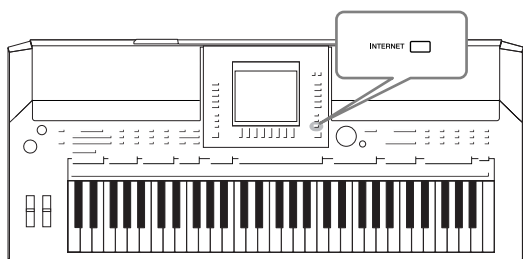
You can purchase and download Song data and other types of data from the special website by directly connecting to the Internet. This section provides the overview of the Internet Direct Connection. For specific instructions on connecting and Internet-related terms, refer to the Internet Connection Guide, which can be downloaded from the Yamaha Manual Library website.

Entering the Internet Direct Connection Function

Press the [INTERNET] button. If the instrument is connected to the Internet, the special website appears on the display. If it is not connected, first connect by referring to the section "Connecting the Instrument to the Internet" below.

NOTE

Only the special website can be opened when the instrument is directly connected to the Internet.

To quit the Internet Direct Connection function and return to the operation display of the instrument, press the [EXIT] button.

Connecting the Instrument to the Internet

You can connect the instrument to a full-time online connection (ADSL, optical fiber, cable Internet, etc.) via a router or a modem equipped with a router. (To use the Internet connection, you will first need to subscribe to an Internet service or provider.) Use a computer to connect to the Internet and get online before connecting the instrument, since no modem or router settings can be made from the instrument itself.

NOTE

Depending on the Internet connection, the number of connectable devices may be limited. This may mean that your instrument cannot be connected to the Internet. If in doubt, check your contract or contact your provider.

The setting procedure differs depending on your connecting environment (devices for connection, etc.). For more information, refer to the Internet Connection Guide.

Viewing the Internet Connection Guide

You can view the Internet Connection Guide on the computer's browser. (The computer must be connected to the internet.)

1. Access the Manual Library website on the computer browser.
   Click "Manual Library" from the menu of included CD-ROM, or enter the following URL directly.
   http://www.yamaha.co.jp/manual/
2. Enter your model name (PSR-S910, for example) in the Model Name area, then click "Search."
3. Click "Internet Connection Guide" from Search Results.

Connection Examples

• Connection example 1:
Connecting by cable (using a LAN cable)
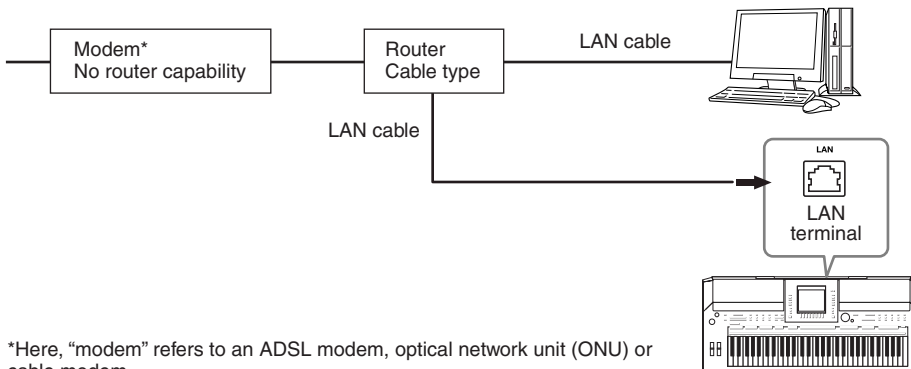
*Here, "modem" refers to an ADSL modem, optical network unit (ONU) or cable modem.

• Connection example 2:
Wireless connection (using a wireless LAN Ethernet Converter)
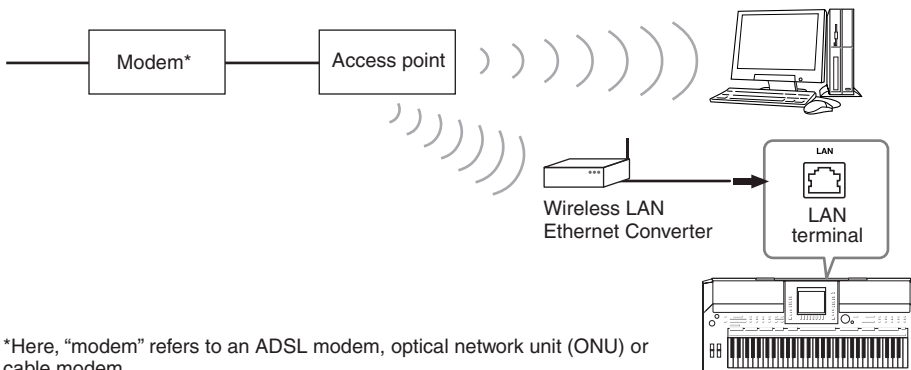
*Here, "modem" refers to an ADSL modem, optical network unit (ONU) or cable modem.

• Connection example 3:
Wireless connection (using a USB wireless LAN adaptor)
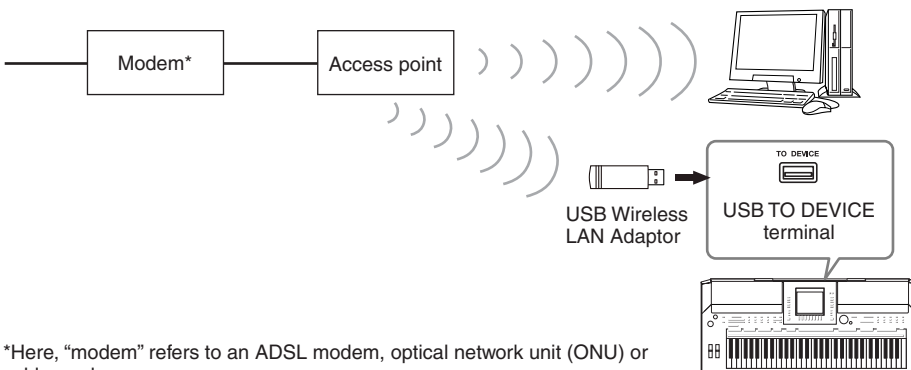
*Here, "modem" refers to an ADSL modem, optical network unit (ONU) or cable modem.

IMPORTANT

Due to EU/Korea regulations, users within Europe and Korea should use an STP (shielded twisted pair) cable to prevent electromagnetic interference.

NOTE

Some types of modems require an optional hub network for simultaneously connecting to several devices (such as computer, musical instrument, etc.).

NOTE

When you are using a modem with router, connect the instrument to the modem by LAN cable.

Internet Direct Connection – Connecting the PSR-S910/S710 Directly to the Internet –

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Operations in the Special Website

After connecting the instrument to the internet, use these operations to take advantage of Internet services directly from the instrument.

Following Links

By using the [DATA ENTRY] dial and [ENTER] button, you can follow links and navigate through the website. You can also use the [6 ▼]/[7 ▲▼]/[8 ▼] buttons and the [8 ▲] (ENTER) button instead of the [DATA ENTRY] dial and [ENTER] button.
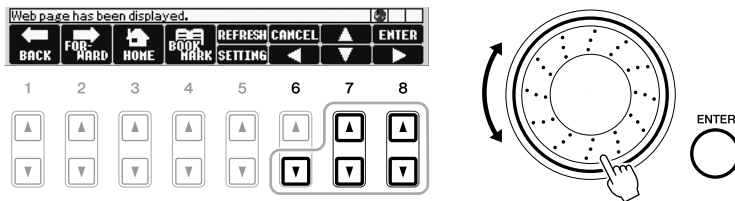
Return to the Previous Web Page/Refreshing a Web Page

Use the [1 ▲▼] (BACK)/[2 ▲▼] (FORWARD) buttons to navigate through previously selected web pages. To return to the top page of the special website, press the [3 ▲▼] (HOME) button.
Press the [5 ▲] (REFRESH) button to reload a web page and press the [6 ▲] (STOP) to cancel loading.
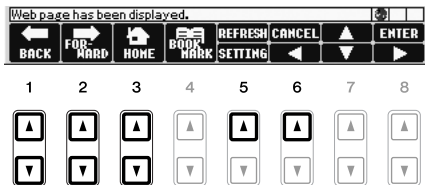
Monitoring the Internet Connection Status

The messages and icons at the bottom right of the Internet display indicate the current Internet connection status.
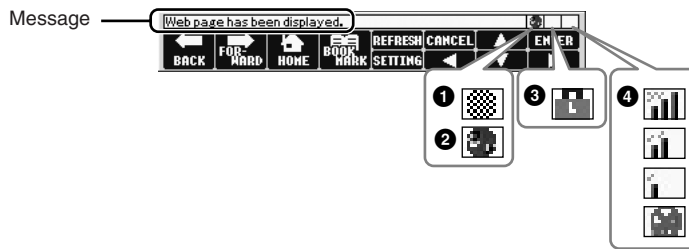
The following three messages are displayed according to the loading status of the web page.

Disconnected.: This appears when the instrument is not connected with the Internet. When this message is displayed, the web page cannot be seen. Icon ❶ is displayed.

Now opening web page...: The web page is being loaded. Icon ❷ flashes.

Web page has been displayed.: Loading of the web page is completed, and the page is displayed completely. Icon ❷ stops flashing. When the displayed web page uses SSL, icon ❸ is displayed, and information is encrypted for communication.

Strength of the reception is displayed in ❹ when connecting to the Internet by wireless LAN. When reception is weak, move the instrument near the access point to improve reception.

NOTE

SSL (Secure Sockets Layer) is an industry-standard method for protecting web communications by using data encryption and other tools.

Advanced Features
Refer to the Reference Manual on the website, **Chapter 9**.

Editing the Browser settings:	[INTERNET] → [5 ▼] SETTING → [D] BROWSER SETTINGS
Registering bookmarks of your favorite pages:	[INTERNET] → [4 ▲▼] BOOKMARK → [3 ▲▼] ADD

Connections

– Using Your Instrument with Other Devices –

⚠ **CAUTION**
Before connecting the instrument to other electronic components, turn off the power of all the components. Also, before turning any components on or off, make sure to set all volume levels to minimum (0). Otherwise, electrical shock or damage to the components may occur.

Connecting Audio Devices

Using External Audio Devices for Playback

You can connect a stereo system to amplify the instrument's sound by using the OUTPUT [L/L+R]/[R] jacks. When using the PSR-S910, the microphone or guitar sound connected to the instrument's [MIC/LINE IN] jack is output at the same time.

Powered speaker

Input jack

Phone plug
(standard)

Phone plug
(standard)

Audio cable
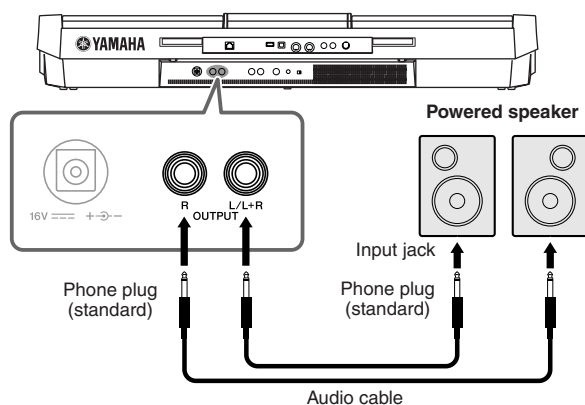
When these are connected, you can use the instrument's [MASTER VOLUME] control to adjust the volume of the sound output to the external device.

Playing External Audio Devices with the Built-in Speakers

You can connect the output jacks of an external device (such as CD player, tone generator, etc.) to the instrument's AUX IN [L/L+R]/[R] jacks, letting you hear the sound of that device through the built-in speakers of the instrument.

**CD player,
Tone generator**

LINE OUT

Pin plug

Phone plug
(standard)
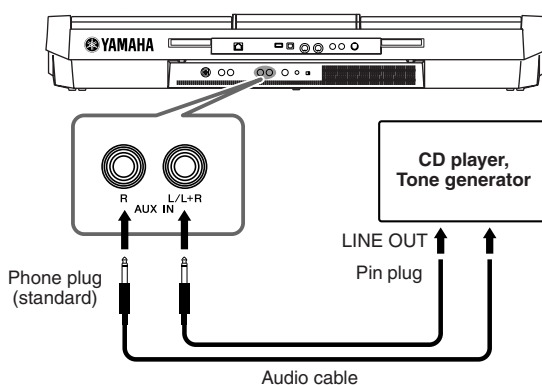
Audio cable

NOTE
Use audio cables and adaptor plugs having no (zero) resistance.

NOTE
Use only the [L/L+R] jack for connection with a monaural device.

⚠ **CAUTION**
When the instrument's sound is output to an external device, first turn on the power to the instrument, then to the external device. Reverse this order when you turn the power off.

⚠ **CAUTION**
Do not route the output from the [OUTPUT] jacks to the [AUX IN] jacks. If you make this connection, the signal input at the [AUX IN] jacks is output from the [OUTPUT] jacks. These connections could result in a feedback loop that will make normal performance impossible, and may even damage both pieces of equipment.

⚠ **CAUTION**
When the sound of an external device is output to the instrument, first turn on the power to the external device, then to the instrument. Reverse this order when you turn the power off.

NOTE
Use only the [L/L+R] jack for connection with a monaural device.

NOTE
The instrument's [MASTER VOLUME] setting affects the input signal from the [AUX IN] jacks.

Connecting a Separate TV Monitor

[S910] [S710]

Connect the instrument to an external TV monitor, and you can have the current display contents, lyrics (for group sing-alongs and the like, or text files) displayed on the TV.

RCA pin plug   VIDEO IN
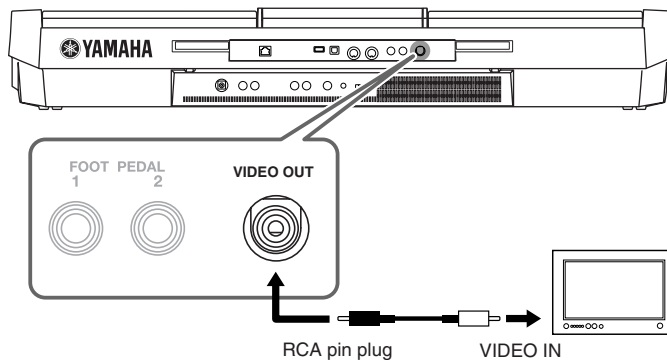
⚠ **CAUTION**

Avoid looking at the television or video monitor for prolonged periods of time since doing so could damage your eyesight. Take frequent breaks and focus your eyes on distant objects to avoid eyestrain.

Screen Out Settings

1 Call up the operation display.

[FUNCTION] → [J] UTILITY → TAB [◀][▶] SCREEN OUT

2 Set the monitor type and screen contents.
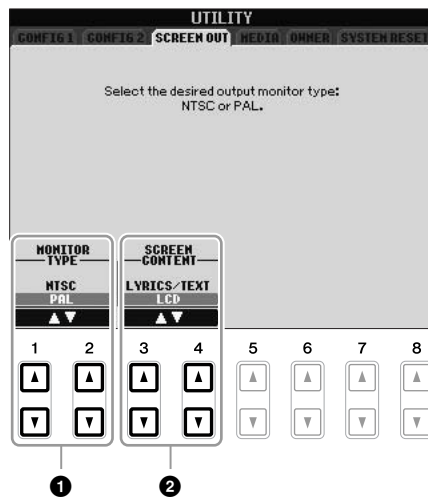
❶	[1 ▲▼]/ [2 ▲▼]	MONITOR TYPE	Selects the desired output monitor type (NTSC or PAL) to correspond to the standard used by your video equipment.
❷	[3 ▲▼]/ [4 ▲▼]	SCREEN CONTENT	Determines the contents of the Video Out signal. **LYRICS/TEXT:** Only the lyrics of the Song or text files are output, regardless of the display that is called up on the instrument. **LCD:** The currently selected display is output.

Connecting a Microphone or Guitar

[S910] [S710]

By connecting a microphone or guitar to the [MIC/LINE IN] jack (standard 1/4"
phone jack), you can enjoy singing along with your own performance or playing
guitar along with Song playback. The instrument outputs your vocals or guitar
sounds through the built-in speakers. The following instructions show how to
connect a microphone. Please note that when connecting a guitar or other devices of
high output level, make sure to set the [LINE MIC] switch to "LINE."

1 Set the [INPUT VOLUME] knob to the minimum position.
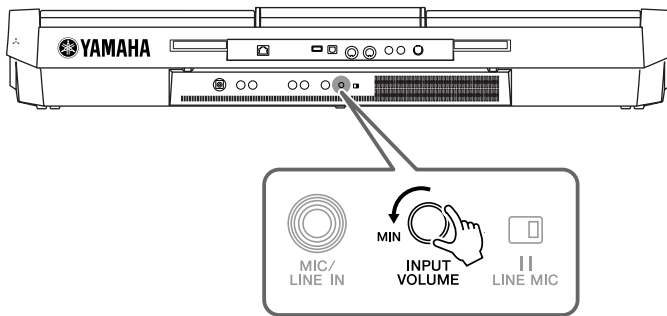
2 Connect the microphone to the [MIC/LINE IN] jack.
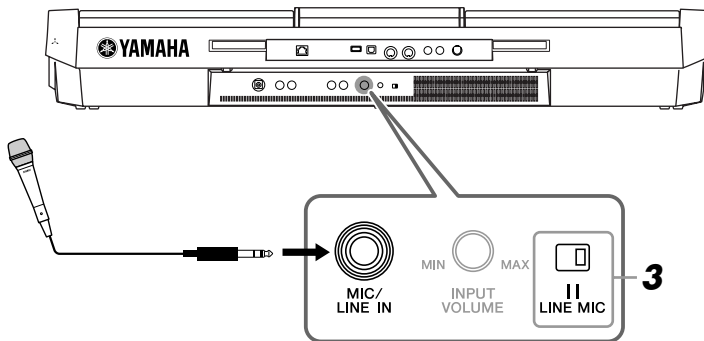
3 Set the [LINE MIC] switch to "MIC."

4 (For microphones having a power source, turn on the power first.) Adjust the [INPUT VOLUME] knob while singing into the microphone.

Adjust the control while checking the SIGNAL lamp. Make sure to adjust the
control so the lamp lights in green or orange. Make sure that the lamp does not
light in red, since this indicates that the input level is too high.

Make sure lamp does
not light in red.
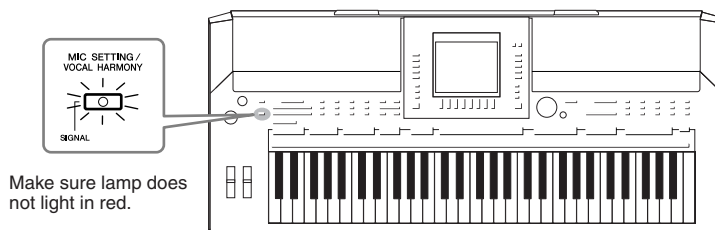
Disconnecting the microphone

1. Set the [INPUT VOLUME] knob to the minimum position.

2. Disconnect the microphone from the [MIC/LINE IN] jack.

Connections – Using Your Instrument with Other Devices –

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Applying Effects to Your Voice

You can also apply various effects to your voice.

1 Press the [MIC SETTING/VOCAL HARMONY] button to call up the Mic Setting display.
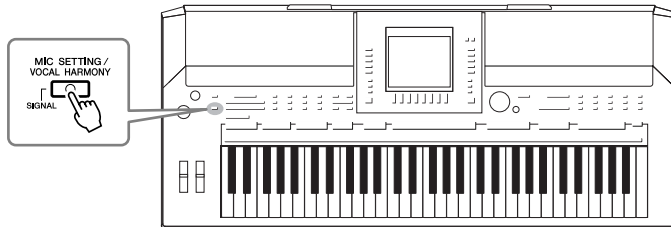
2 Use the [2 ▲▼] – [7 ▲▼] buttons to turn the effect on/off.

[2 ▲▼]/ [3 ▲▼]	TALK	Turning TALK on lets you temporarily cancel the microphone effects or vocal harmony. This is especially useful when you talk between songs during a performance.
[4 ▲▼]/ [5 ▲▼]	MIC EFFECT	Turning MIC EFFECT on applies an effect to your voice. The effect type can be selected in the Mixing Console display (page 83).
[6 ▲▼]/ [7 ▲▼]	VOCAL HARMONY	See below.

Adding Harmony Vocals to Your Voice

You can also automatically apply various harmony vocals to your voice.

1 Press the [MIC SETTING/VOCAL HARMONY] button to call up the harmony vocals (Vocal Harmony) Setting display.
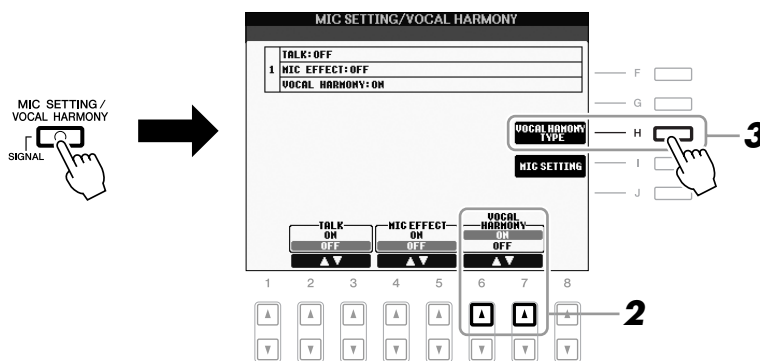
2 Press the [6 ▲]/[7 ▲] buttons to turn the harmony vocals (Vocal Harmony) on.

3 Press the [H] button to call up the Vocal Harmony selection display.

4 Select a Vocal Harmony type by using the [A] – [J] buttons.
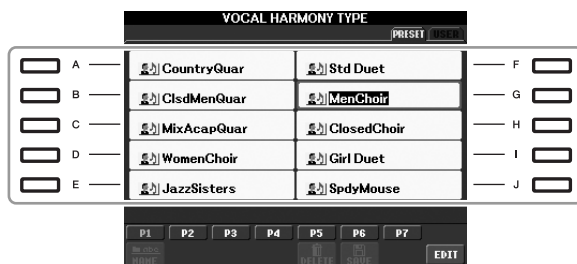
5 Turn the [ACMP] button on.
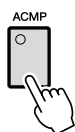
6 Play and hold down chords in the left-hand section of the keyboard or play back a Song which contains chord data, as you sing along with it.

The harmony is applied to your voice according to the chord.

Advanced Features

Refer to the Reference Manual on the website, **Chapter 10**.

Microphone overall settings:	[MIC SETTING/VOCAL HARMONY] → [I] MIC SETTING → TAB [◄][►] OVERALL SETTING
Talk settings:	[MIC SETTING/VOCAL HARMONY] → [I] MIC SETTING → TAB [◄][►] TALK SETTING
Editing Vocal Harmony:	[MIC SETTING/VOCAL HARMONY] → [H] VOCAL HARMONY TYPE → [8 ▼] (EDIT)

Connections – Using Your Instrument with Other Devices –

10

Connecting a Footswitch/Foot Controller

Optional footswitches (Yamaha FC4 or FC5) and an optional Foot controller (Yamaha FC7) can be connected to one of the FOOT PEDAL jacks. A footswitch can be used for switching functions on and off, while a foot controller controls continuous parameter such as volume.

Default functions

FOOT PEDAL 1	Switches sustain on or off. Use the FC4 or FC5 footswitch.
FOOT PEDAL 2	(PSR-S910) Controls the Super Articulation Voices (page 33). Use the FC4 or FC5 footswitch. (PSR-S710) Controls the volume (expression function). Use the FC7 foot controller.

FC4   FC5   FC7
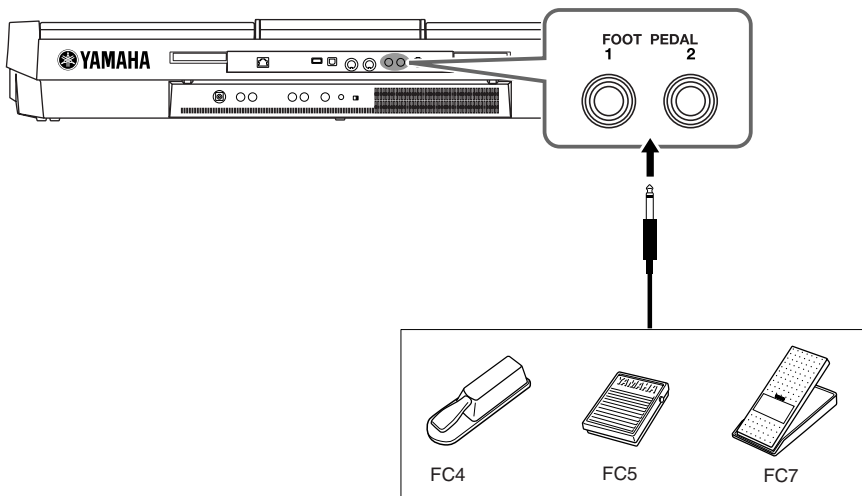
By assigning the function for each foot switch/controller, you can conveniently control sustain and volume with either pedal jack or control many other functions by pedal.

• Example: Controlling Song Start/Stop by footswitch
Connect a footswitch (FC4 or FC5) to one of the FOOT PEDAL jacks.
To assign the function to the connected pedal, select "SONG PLAY/PAUSE" in the operation display: [FUNCTION] → [D] CONTROLLER → TAB [◀][▶] FOOT PEDAL.

Advanced Features
Refer to the Reference Manual on the website, **Chapter 10**.

Assigning specific functions to each foot pedal:	[FUNCTION] → [D] CONTROLLER → TAB [◀][▶] FOOT PEDAL

⚠ **CAUTION**

Make sure to connect or disconnect the pedal only when the power is off.

Connections – Using Your Instrument with Other Devices –

10

Connecting a USB Storage Device

By connecting a USB storage device to the instrument's [USB TO DEVICE] terminal, you can save data you've created to the device.

Precautions when using the [USB TO DEVICE] terminal

When connecting a USB device to the terminal, be sure to handle the USB device with care. Follow the important precautions below.

> **NOTE**
> For more information about the handling of USB devices, refer to the owner's manual of the USB device.

Compatible USB devices

- USB storage devices (flash memory, floppy disk drive, hard disk drive, etc.)
- USB-LAN adaptor
- USB hub

The instrument does not necessarily support all commercially available USB devices. Yamaha cannot guarantee operation of USB devices that you purchase. Before purchasing a USB device for use with this instrument, please visit the following web page:

http://music.yamaha.com/download/

> **NOTE**
> Other USB devices such as a computer keyboard or mouse cannot be used.

Connecting a USB device

- When connecting a USB device to the [USB TO DEVICE] terminal, make sure that the connector on the device is appropriate and that it is connected in the proper direction.
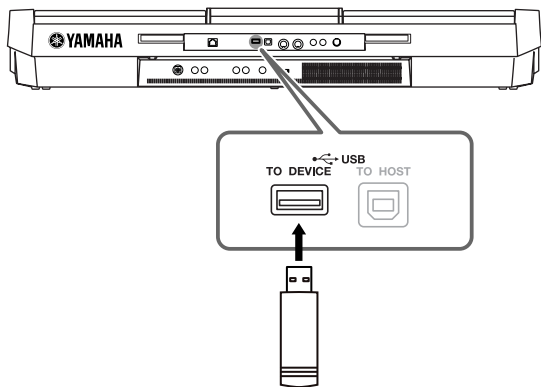
- If you intend to connect two or three devices at the same time to a terminal, you should use a USB hub device. The USB hub must be self-powered (with its own power source) and the power must be on. Only one USB hub can be used. If an error message appears while using the USB hub, disconnect the hub from the instrument, then turn on the power of the instrument and re-connect the USB hub.
- Though the instrument supports the USB 1.1 standard, you can connect and use a USB 2.0 storage device with the instrument. However, note that the transfer speed is that of USB 1.1.

Using USB Storage Devices

By connecting the instrument to a USB storage device, you can save data you've created to the connected device, as well as read data from the connected device.

> **NOTE**
> Although CD-R/RW drives can be used to read data to the instrument, they cannot be used for saving data.

The number of USB storage device to be used

Up to two USB storage devices can be connected to the [USB TO DEVICE] terminal. (If necessary, use a USB hub. The number of USB storage devices that can be used simultaneously with musical instruments even when a USB hub is used is a maximum of two.) This instrument can recognize up to four drives in one USB storage device.

Formatting USB storage media

When a USB storage device is connected or media is inserted, a message may appear prompting you to format the device/media. If so, execute the Format operation (page 95).

> ⚠ **CAUTION**
> The format operation overwrites any previously existing data. Make sure that the media you are formatting does not contain important data. Proceed with caution, especially when connecting multiple USB storage media.

To protect your data (write-protect)

To prevent important data from being inadvertently erased, apply the write-protect provided with each storage device or media. If you are saving data to the USB storage device, make sure to disable write-protect.

Connecting/removing USB storage device

Before removing the media from the device, make sure that the instrument is not accessing data (such as in the Save, Copy and Delete operations).

> ⚠ **CAUTION**
> Avoid frequently turning the power on/off to the USB storage device, or connecting/disconnecting the device too often. Doing so may result in the operation of the instrument "freezing" or hanging up. While the instrument is accessing data (such as during Save, Copy, Delete, Load and Format operations) or is mounting the USB storage device (shortly after the connection), do NOT unplug the USB connector, do NOT remove the media from the device, and do NOT turn the power off to either device. Doing so may corrupt the data on either or both devices.

Formatting a USB Storage Device

When a USB storage device is connected or media is inserted, a message may appear prompting you to format the device/media. If so, execute the format operation.

1 Insert a USB storage device for formatting into the [USB TO DEVICE].

2 Call up the operation display.
[FUNCTION] → [J] UTILITY → TAB [◄][►] MEDIA
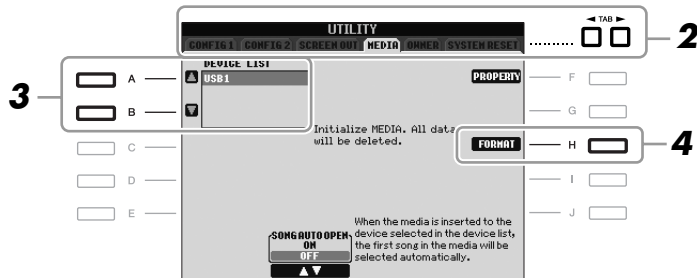
3 Press the [A]/[B] buttons to select the USB device to be formatted from the device list.
The indications USB 1, USB 2, etc. will be displayed depending on the number of the connected devices.

4 Press the [H] (FORMAT) button to format the device/media.

> **Confirming the remaining memory**
>
> You can check the remaining memory of the connected USB storage device by pressing the [F] (PROPERTY) button in step 4 above.

⚠ **CAUTION**

The format operation deletes any previously existing data. Make sure that the media you are formatting does not contain important data. Proceed with caution, especially when connecting multiple USB storage medias.

Connections – Using Your Instrument with Other Devices –

10
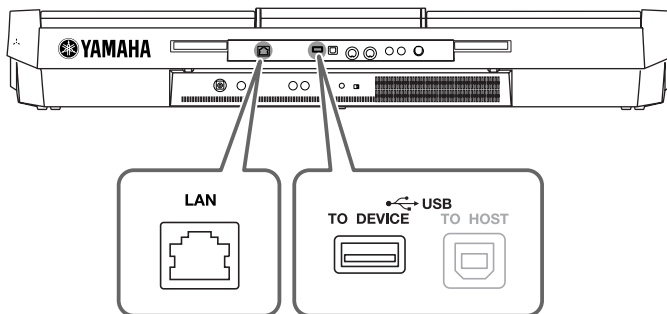
Connecting to a Computer

By connecting a computer to the [USB TO HOST] terminal, you can transfer data between the instrument and the computer via MIDI, and use the computer to control, edit and organize data on the instrument.

NOTE

You can also use the MIDI IN/OUT terminals to connect to a computer. In this case, a MIDI interface (such as the Yamaha UX16) is needed. For more information, refer to the owner's manual of the MIDI interface.
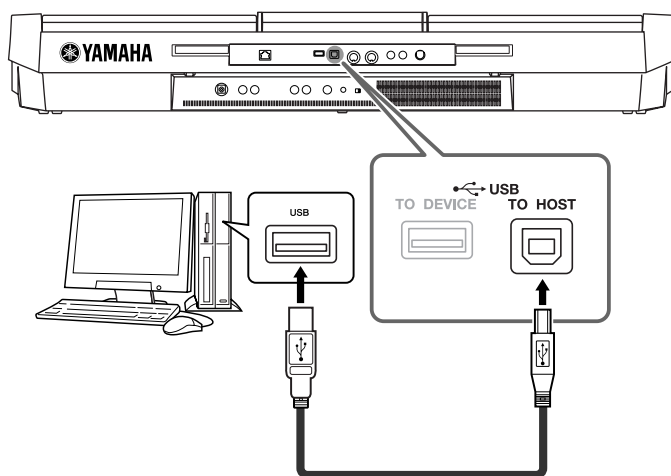
Precautions when using the [USB TO HOST] terminal

When connecting the computer to the [USB TO HOST] terminal, make sure to observe the following points. Failing to do so risks freezing the computer and corrupting or losing the data. If the computer or the instrument freezes, restart the application software or the computer OS, or turn the power to the instrument off then on again.

⚠ **CAUTION**

- **Use an AB type USB cable of less than about 3 meters.**
- **Before connecting the computer to the [USB TO HOST] terminal, exit from any power-saving mode of the computer (such as suspend, sleep, standby).**
- **Before turning on the power to the instrument, connect the computer to the [USB TO HOST] terminal.**
- **Execute the following before turning the power to the instrument on/off or plugging/unplugging the USB cable to/from the [USB TO HOST] terminal.**
  - **Quit any open application software on the computer.**
  - **Make sure that data is not being transmitted from the instrument. (Data is transmitted only by playing notes on the keyboard or playing back a song.)**
- **While the computer is connected to the instrument, you should wait for six seconds or more between these operations: (1) when turning the power of the instrument off then on again, or (2) when alternately connecting/disconnecting the USB cable.**

NOTE

- The instrument will begin transmission a short time after the USB connection is made.
- When using a USB cable to connect the instrument to your computer, make the connection directly without passing through a USB hub.
- For information on setting up your sequence software, refer to the owner's manual of the relevant software.

Connections – Using Your Instrument with Other Devices –

10

Connecting External MIDI Devices

Use the [MIDI] terminals and standard MIDI cables to connect external MIDI devices (keyboard, sequencer, etc.).

• MIDI IN
Receives MIDI messages from another MIDI device.

• MIDI OUT
Transmits MIDI messages generated by the instrument to another MIDI device.
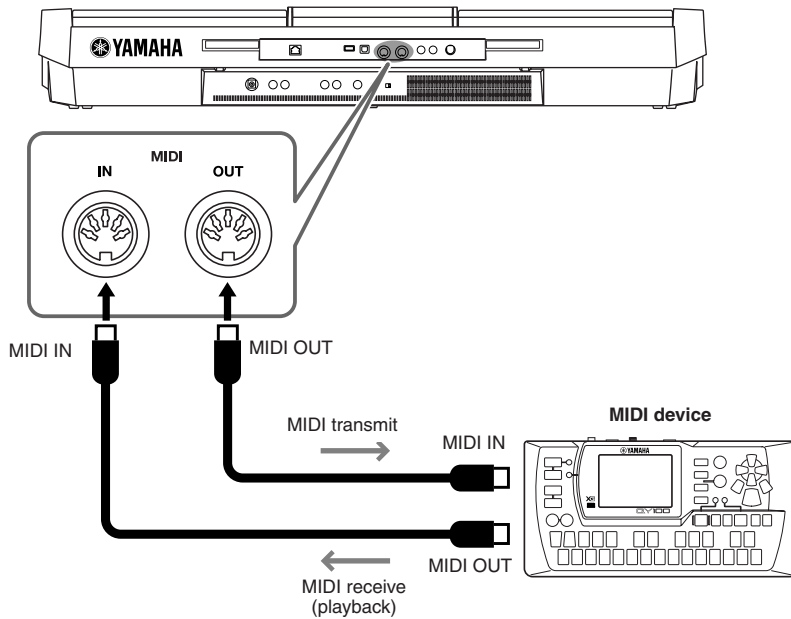
For detailed information about the instrument's MIDI settings, refer to the Reference Manual.

Advanced Features

Refer to the Reference Manual on the website, **Chapter 10**.

MIDI settings:	[FUNCTION] → [I] MIDI → [8 ▼] EDIT

Utility

– Making Global Settings –
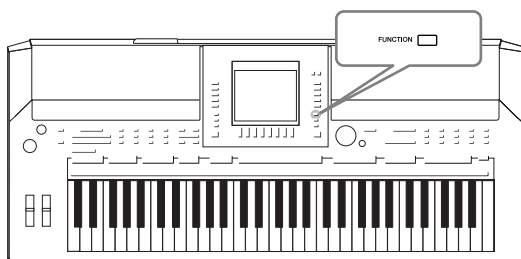
The Utility section in the Function menu provides a variety of convenient tools and settings for the instrument. These include general settings that affect the entire instrument, as well as detailed settings for specific functions. Also included are data reset functions and storage media control, such as media formatting.

Basic Procedure

1 Call up the operation display.

[FUNCTION] → [J] UTILITY
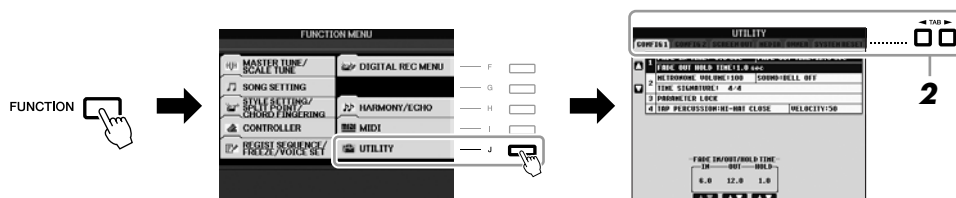
2 Use the TAB [◀][▶] buttons to call up desired page.

- **CONFIG 1**

  General settings such as Fade in/out time, Metronome sound, Tap Tempo sound, etc.

- **CONFIG 2**

  General settings such as displayed items for Voice/Style selection display, pop-up display time, etc.

- **SCREEN OUT (PSR-S910)**

  Monitor type and display content settings which are necessary when connecting a TV monitor (page 89).

- **MEDIA**

  Settings related to a connected USB storage device, such as formatting (page 95) and confirmation of memory size.

- **OWNER**

  Settings of Owner name (page 17) and Message language (page 16). Parameter setting backup/restore operations (page 28) can also be done in this page.

- **SYSTEM RESET**

  Resets the settings of the instrument.

3 If necessary, use the [A]/[B] buttons to select the desired parameter.

4 Change the settings by using the [1 ▲▼] – [8 ▲▼] buttons or execute the operation by using the [F] – [J] buttons.

For details of the Utility settings, refer to the Reference Manual on the website.

Troubleshooting

Overall	
A click or pop is heard when the power is turned on or off.	Electrical current is being applied to the instrument. This is normal.
Noise is heard from the instrument's speakers.	Noise may be heard if a mobile phone is used near the instrument or if the phone is ringing. Turn off the mobile phone, or use it further away from the instrument.
There is a slight difference in sound quality among different notes played on the keyboard.	This is normal and is a result of the instrument's sampling system.
Some Voices have a looping sound.	
Some noise or vibrato is noticeable at higher pitches, depending upon the Voice.	
The overall volume is too low, or, no sound is heard.	The master volume may be set too low. Set it to an appropriate level with the [MASTER VOLUME] dial.
	All keyboard parts are set to off. Use the PART ON/OFF [RIGHT 1]/[RIGHT 2]/[LEFT] button to turn it on.
	The volume of the individual parts may be set too low. Raise the volume in the BALANCE display (page 48).
	Make sure the desired channel is set to ON (pages 47, 54).
	Headphones are connected, disabling the speaker output. Unplug the headphones.
	The [FADE IN/OUT] button is on, muting the sound. Press the [FADE IN/OUT] button to turn the function off.
The sound is distorted or noisy.	The volume may be turned up too high. Make sure all relevant volume settings are appropriate.
	This may be caused by certain effects or filter resonance settings. Check the effect or filter settings and change them accordingly, referring to the Reference Manual.
Not all simultaneously played notes sound.	You are probably exceeding the maximum polyphony (page 104) of the instrument. When the maximum polyphony is exceeded, the earliest played notes will stop sounding, letting the latest played notes sound.
The keyboard volume is lower than the Song/Style playback volume.	The volume of the keyboard parts may be set too low. Raise the volume in the BALANCE display (page 48).
The Main display does not appear even when turning the power on.	This may occur if a USB storage device has been installed to the instrument. Installation of some USB storage device may result a long interval between turning the power on and appearance of the Main display. To avoid this, turn the power on after disconnecting the device.
Some characters of the file/folder name are garbled.	The language settings have been changed. Set the appropriate language for the file/folder name (page 16).
An existing file is not shown.	The file extension (.MID, etc.) may have been changed or deleted. Manually rename the file, adding the appropriate extension, on a computer.
	Data files with names of more than 50 characters cannot be handled by the instrument. Rename the file, reducing the number of characters to 50 or less.

Troubleshooting

Voice	
The Voice selected from the Voice Selection display does not sound.	Check whether or not the selected part is turned on (page 32). To select the Voice for the right-hand key range, press the PART SELECT [RIGHT 1] button. For the Voice to be layered in the right-hand range, press the PART SELECT [RIGHT 2] button. To select the Voice for the left-hand key range, press the PART SELECT [LEFT] button.
A strange "flanging" or "doubling" sound occurs. The sound is slightly different each time the keys are played.	The RIGHT 1 and RIGHT 2 parts are set to "ON," and both parts are set to play the same Voice. Turn off the RIGHT 2 part or change the Voice of one of the parts.
Some Voices will jump an octave in pitch when played in the upper or lower registers.	This is normal. Some voices have a pitch limit which, when reached, causes this type of pitch shift.

Style	
The Style does not start even when the [START/STOP] button is pressed.	The Rhythm channel of the selected Style may not contain any data. Turn the [ACMP] button on and play left-hand section on the keyboard to sound the accompaniment part of the Style.
Only the rhythm channel plays.	Make sure the Auto Accompaniment function is turned on; press the [ACMP] button.
	You may be playing keys in the right hand range of the keyboard. Make sure to play keys in the chord range of the keyboard.
Styles in a USB storage device cannot be selected.	If the size of the Style data is large (about 120 KB or greater), the Style cannot be selected because the data is too large to be ready by the instrument.

Song	
Songs cannot be selected.	This may be because the language settings have been changed. Set the appropriate language for the Song file name.
	If the size of the Song data is large (about 300 KB or greater), the Song cannot be selected because the data is too large to be read by the instrument.
Song playback does not start.	The Song has been stopped at the end of the Song data. Return to the beginning of the Song by pressing the SONG [■] (STOP) button.
	In the case a Song to which write-protect has been applied ("Prot. 2 Edit" is shown at the upper left of the Song name), the original file may not be in the same folder. It cannot be played back unless the original file (showing "Prot.2 Orig" at the upper left of the Song name) is in the same folder.
	In case of a Song to which write-protect has been applied ("Prot. 2 Edit" is shown at the upper left of the Song name), the original file name may have been changed. Rename the file with the original file name (so that "Prot.2 Orig" is shown at the upper left of the Song name).
	In case of a Song to which write-protect has been applied ("Prot. 2 Edit" is shown at the upper left of the Song name), the file icon may have been changed. Songs to which write-protect has been applied cannot be played back when the file icon of the original has been changed.
Song playback stops before the Song is finished.	The Guide function is turned on. (In this case, playback is "waiting" for the correct key to be played.) Press the [GUIDE] button to turn off the guide function.
The measure number is different from that of the score in the Song Position display, shown by pressing the [REW]/[FF] buttons.	This happens when playing back music data for which a specific, fixed tempo is set.
When playing back a Song, some channels do not play.	Playback of these channels may be set to "OFF." Turn playback on for those channels that are set to "OFF" (page 54).
The tempo, beat, measure and music notation is not displayed correctly.	Some Song data for the instrument has been recorded with special "free tempo" settings. For such Song data, the tempo, beat, measure and music notation will not be displayed correctly.

Troubleshooting

USB Audio function	
The message "This drive is busy now." appeared, and then the recording was aborted.	Make sure to use a compatible USB storage device (page 94).
	Make sure that the USB storage device has enough memory (page 78).
	If you are using a USB memory device to which data has already been recorded, check first that no important data remains on the device, then format it (page 95) and try recording again.
Audio files cannot be selected.	The file format may not be compatible with the instrument. The compatible formats are: MP3 and WAV (PSR-S910), WAV (PSR-S710). The DRM protected files cannot be played back.
Recorded file is played back at a different volume compared to when it was recorded.	The audio playback volume has been changed. Setting the volume value to 100 plays back the file as the same volume when it was recorded (page 77).
Mixing Console	
The sound seems strange or different than expected when changing a rhythm Voice (drum kit, etc.) of the Style or Song from the Mixer.	When changing the rhythm/percussion Voices (drum kits, etc.) of the Style and Song from the VOICE parameter, the detailed settings related to the drum voice are reset, and in some cases you may be unable to restore the original sound. In the case of Song playback, you can restore the original sound by returning to the beginning of the Song and playing back from that point. In the case of Style play, you can restore the original sound by selecting the same Style again.
Microphone/Vocal Harmony (PSR-S910)	
The microphone input signal cannot be recorded.	The microphone input signal cannot be recorded by Song recording. Use the USB Audio function (page 77).
Harmony can be heard in addition to the microphone sound.	Vocal Harmony is set to "ON." Turn Vocal Harmony off (page 91).
The Vocal Harmony effect sounds distorted or out-of-tune.	Your vocal microphone may be picking up extraneous sounds, such as the Style sound from the instrument. In particular, bass sounds can cause mistracking of the Vocal Harmony. To remedy this: • Sing as closely to the microphone as possible. • Use a unidirectional microphone. • Turn down the Master volume, Style volume, or Song volume control (pages 15, 48).
Foot Pedal	
The on/off setting of the footswitch connected to the FOOT PEDAL jack is reversed.	Turn the instrument's power off, then turn on again without pressing the footswitch.

Troubleshooting

Panel Button Chart

No. ....Corresponds to the number in the "Panel Controls" on page 12.
Button/Control.......................Indicates the button/controller that you should use at first for entering the corresponding function.
Display....................................Indicates the display title (and tab title) called up by operating the button/controller.
Reference Manual................"●" indicates that the detailed information is described in the Reference Manual (downloadable from website).

No.	Button/Control		Display	Page	Reference Manual
❶		MASTER VOLUME control	—	15	—
❷		[STANDBY/ON]	Opening display	14	—
❸		[DEMO]	Demo display	18	—
❹		[MIC SETTING/VOCAL HARMONY] (PSR-S910)	MIC SETTING/VOCAL HARMONY display	91	●
❺		PITCH BEND wheel	—	34	—
❻		MODULATION wheel	—	35	—
❼		PHONES jack	—	16	—
❽	SONG	[SELECT]	Song Selection display	49	—
		[SCORE]	SCORE display	52	●
		[LYRICS/TEXT]	LYRICS or TEXT display	53	●
		[REPEAT]	—	55	—
		[GUIDE]	—	54	●
		[EXTRA TR]	—	54	—
		[TR 2]	—	54	—
		[TR 1]	—	54	—
		[REC]	CHANNEL ON/OFF (SONG) (pop-up)	56	—
		[■] (STOP)	—	50	—
		[▶/❚❚] (PLAY/PAUSE)	—	50	—
		[◀◀] (REW) / [▶▶] (FF)	SONG POSITION (pop-up)	51	—
❾	STYLE	[POP & ROCK]–[WORLD]	Style Selection display (PRESET)	39	—
		[USER]	Style Selection display (USER)	39	—
❿		[FADE IN/OUT]		44	—
⓫	STYLE CONTROL	[ACMP]	—	39	—
		[OTS LINK]	—	45	—
		[AUTO FILL IN]	—	43	—
		INTRO [I]–[III]	—	42	—
		MAIN VARIATION [A]–[D]	—	43	—
		[BREAK]	—	43	—
		ENDING/rit. [I]–[III]	—	42	—
		[SYNC STOP]	—	42	—
		[SYNC START]	—	42	—
		[START/STOP]	—	42	—
⓬		TRANSPOSE [-]/[+]	TRANSPOSE (pop-up)	34	—
⓭		[METRONOME]	—	56	—
⓮	(TEMPO)	[TAP TEMPO]	—	43	—
		TEMPO [-]/[+]	TEMPO (pop-up)	43	—
⓯		[LCD CONTRAST] knob (PSR-S710)	—	17	—
⓰	(LCD related controls)	TAB [◀][▶]	—	20	—
		[A]–[J]	—	19	—
		[DIRECT ACCESS]	(message)	22	—
		[EXIT]	—	22	—
		[1 ▲▼]–[8 ▲▼] buttons	—	20	—
		DATA ENTRY dial	—	21	—
		[ENTER]	—	21	—
⓱		[BALANCE]	BALANCE (pop-up)	48	—

No.	Button/Control		Display		Page	Reference Manual
⑱		[MIXING CONSOLE]	MIXING CONSOLE display	VOL/VOICE	81, 82	●
				FILTER	79	●
				TUNE	79	●
				EFFECT	83	●
				EQ	79	●
⑲		[CHANNEL ON/OFF]	CHANNEL ON/OFF (pop-up)	SONG	54	—
				STYLE	47	—
⑳		[FUNCTION]	MASTER TUNE/SCALE TUNE	MASTER TUNE	38	●
				SCALE TUNE	38	●
			SONG SETTING		62	●
			STYLE SETTING/SPLIT POINT/ CHORD FINGERING	STYLE SETTING	48	●
				SPLIT POINT	48	●
				CHORD FINGERING	41	●
			CONTROLLER	FOOT PEDAL	93	●
				KEYBOARD/PANEL	35, 38	●
			REGIST SEQUENCE/FREEZE/ VOICE SET	REGISTRATION SEQUENCE	74	●
				FREEZE	74	●
				VOICE SET	38	●
			DIGITAL REC MENU	SONG CREATOR	62	●
				STYLE CREATOR	48	●
				MULTI PAD CREATOR	64	●
			HARMONY/ECHO		38	●
			MIDI	MIDI template selection display	97	●
			UTILITY	CONFIG 1	98	●
				CONFIG 2	98	●
				SCREEN OUT (PSR-S910)	89	—
				MEDIA	95	●
				OWNER	16, 17, 28	●
				SYSTEM RESET	98	●
㉑		[USB]	USB/AUDIO PLAYER display		75	—
㉒		[INTERNET]	Special Website (only when connected to the Internet)		84	●
㉓	REGISTRATION MEMORY	REGIST BANK [-]/[+]	REGISTRATION BANK (pop-up)		73	—
		[FREEZE]	—		73	●
		[MEMORY]	REGISTRATION MEMORY CONTENTS display		71	—
		[1]–[8]	—		72	—
㉔	MULTI PAD CONTROL	[SELECT]	Multi Pad Selection display		63	●
		[1]–[4]	—		63	—
		[STOP]	—		63	—
㉕		[MUSIC FINDER]	MUSIC FINDER display	ALL	67	—
				FAVORITE	70	●
				SEARCH 1	67	—
				SEARCH 2	67	—
㉖	PART SELECT	[LEFT]–[RIGHT 2]	—		32	—
㉗	PART ON/OFF	[LEFT HOLD]	—		32	—
		[LEFT]–[RIGHT 2]	—		32	—
㉘	VOICE	[PIANO]– [PERC. & DRUM KIT]	Voice Selection display (PRESET)		29	—
		[ORGAN FLUTES]	Organ Flutes VOICE SET display	FOOTAGE	37	—
				VOLUME/ATTACK	37	●
				EFFECT/EQ	37	●
		[USER]	Voice Selection display (USER)		30	—
㉙	ONE TOUCH SETTING	[1]–[4]	—		45	●
㉚	VOICE CONTROL	[HARMONY/ECHO]	—		35	—
		[TOUCH]	—		35	—
		[SUSTAIN]	—		35	—
		[MONO]	—		35	—
		[DSP]	—		36	—
		[VARI.]	—		36	—
㉛		UPPER OCTAVE [-]/[+]	UPPER OCTAVE (pop-up)		34	—

Panel Button Chart

Specifications

			PSR-S910	PSR-S710
Size/Weight	Dimensions	Width	1,003 mm (39 5/8")	
		Height	148 mm (5 7/8")	
		Depth	433 mm (17 1/8")	
	Weight	Weight	11 kg (24 lbs.)	10 kg (22 lbs.)
Control Interface	Keyboard	Number of Keys	61	
		Type	Organ	
		Touch Response	Hard2/Hard1/Normal/Soft1/Soft2	
	Other Controllers	Pitch Bend	Yes	
		Modulation	Yes	
		Multi Pads	Yes	
	Display	Type	TFT Color QVGA LCD	B/W QVGA LCD
		Contrast	─	Yes
		Score Display Function	Yes	
		Lyrics Display Function	Yes	
		Text Viewer Function	Yes	
		Wallpaper Customization	Yes	─
		Language	English, German, French, Spanish, Italian	
	Panel	Language	English	
Voices	Tone Generation	Tone Generating Technology	AWM Stereo Sampling	
	Polyphony	Number of Polyphony (Max.)	128	
	Preset	Number of Voices	678 Voices + 28 Drum/SFX Kits + 480 XG Voices + GM2 + GS (for GS Song Playback)	387 Voices + 24 Drum/SFX Kits + 480 XG Voices + GM2 + GS (for GS Song Playback)
		Featured Voices	38 Super Articulation Voices, 18 Mega Voices, 24 Sweet! Voices, 46 Cool! Voices, 29 Live! Voices, 10 Organ Flutes!	15 Mega Voices, 23 Sweet! Voices, 33 Cool! Voices, 19 Live! Voices, 10 Organ Flutes!
	Custom	Voice Creating/Voice Set	Yes	
	Compatibility	XG	Yes	
		XF	Yes	
		GS	Yes	
		GM	Yes	
		GM2	Yes	
Effects	Types	Reverb	42 Preset + 3User	
		Chorus	71 Preset + 3 User	
		DSP	DSP 1: 271 Preset + 3 User, DSP 2-4: 128 Preset + 10 User	
		Master EQ	5 Preset	
		Part EQ	28 Parts (Right 1, Right 2, Left, Multi Pad, Style x 8, Song x 16)	
	Voice Controls	Voice Layer (Right-hand parts)	Yes (Right 1, Right 2)	
		Split (Left-hand part)	Yes (Left)	
		Panel Sustain	Yes	
		Mono/Poly	Yes	
	Accompany Style Related	Vocal Harmony	60 Preset + 10 User	─
Accompaniment Styles		Number of Preset Styles	322	232
		Featured Styles	293 Pro Styles, 29 Session Styles	216 Pro Styles, 16 Session Styles
		File Format	Style File Format GE	
		Fingering	Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard	
		Style Control	INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3	

			PSR-S910	PSR-S710
Accompaniment Styles	Custom	Style Creator	Yes	
	Other Features	Music Finder	2,500 Records (maximum)	1,200 Records (maximum)
		One Touch Setting (OTS)	4 for each Style	
Songs	Preset	Number of Preset Songs	5 Sample Songs	
	Recording	Number of Songs	Unlimited (depending on the storage media's capacity)	
		Number of Tracks	16	
		Data Capacity	300 KB	
		Recording Function	Quick Recording/Multi Recording/Step Recording	
	Compatible Data Format	Playback	SMF (Format 0 & 1), ESEQ, XF	
		Recording	SMF (Format 0)	
Functions	Registration Memory	Number of Buttons	8 x unlimited banks (depending on the storage media's capacity)	
		Control	Regist. Sequence, Freeze	
	Lesson/Guide	Lesson/Guide	Follow Lights, Any Key, Karao-Key, Vocal CueTIME	Follow Lights, Any Key, Karao-Key
		Performance Assistant Technology (P.A.T.)	Yes	
	Demo	Demonstration	Yes	
	USB Audio	Playback	.wav, .mp3	.wav
		Recording	.wav	
	Overall Controls	Metronome	Yes	
		Tempo Range	5 – 500, Tap Tempo	
		Transpose	-12 – 0 – +12	
		Tuning	414.8 – 440 – 466.8 Hz	
		Octave Button	Yes	
		Scale Type	9 presets	
	Miscellaneous	Direct Access	Yes	
Storage and Connectivity	Storage	Internal Memory	2.4 MB	1.4 MB
		External Drives	USB Flash Memory, USB Hard Disk Drive, etc. (via USB to DEVICE)	
	Connectivity	DC IN	16V	
		Headphones	Yes	
		Microphone	Yes	—
		MIDI	In/Out	
		AUX IN	(R, L/L+R)	
		FOOT PEDAL	(optional) Switch or Volume x 2	
		OUTPUT	(R, L/L+R)	
		VIDEO OUT	Yes	—
		USB TO DEVICE	Yes	
		USB TO HOST	Yes	
		LAN	Yes	
Amplifiers and Speakers	Amplifiers		12 W x 2	
	Speakers		(12 cm + 4 cm (dome)) x 2	(12 cm + 5 cm) x 2
Pedals	Assignable Functions		VOLUME, SUSTAIN, SOSTENUTO, SOFT, GLIDE, S. Articulation, SONG PLAY/PAUSE, STYLE START/STOP, etc.	VOLUME, SUSTAIN, SOSTENUTO, SOFT, GLIDE, SONG PLAY/PAUSE, STYLE START/STOP, etc.
Power Supply	AC Power Adaptor		PA-300B or an equivalent	PA-301 or an equivalent
Included Accessories			• Music Rest • AC Power Adaptor* * May not be included depending on your particular area. Please check with your Yamaha dealer. • Accessory CD-ROM for Windows • Owner's Manual • Accessory CD-ROM for Windows Installation Guide	
Optional Accessories	Footswitches		FC4/FC5	
	Foot controller		FC7	
Service	Internet Direct Connection (IDC)		Yes	

* 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.

Specifications

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YAMAHA

1-YEAR LIMITED WARRANTY
ON ARRANGER WORKSTATION KEYBOARDS

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Coverage: Yamaha will, at its option, repair or replace the product covered by this warranty if it becomes defective, malfunctions or otherwise fails to conform with this warranty under normal use and service during the term of this warranty, without charge for labor or materials. Repairs may be performed using new or refurbished parts that meet or exceed Yamaha specifications for new parts. If Yamaha elects to replace the product, the replacement may be a reconditioned unit. You will be responsible for any installation or removal charges and for any initial shipping charges if the product(s) must be shipped for warranty service. However, Yamaha will pay the return shipping charges to any destination within the USA if the repairs are covered by the warranty. This warranty does not cover (a) damage, deterioration or malfunction resulting from accident, negligence, misuse, abuse, improper installation or operation or failure to follow instructions according to the Owner's Manual for this product; any shipment of the product (claims must be presented to the carrier); repair or attempted repair by anyone other than Yamaha or an authorized Yamaha Service Center; (b) any unit which has been altered or on which the serial number has been defaced, modified or removed; (c) normal wear and any periodic maintenance; (d) deterioration due to perspiration, corrosive atmosphere or other external causes such as extremes in temperature or humidity; (e) damages attributable to power line surge or related electrical abnormalities, lightning damage or acts of God; or (f) RFI/EMI (Interference/noise) caused by improper grounding or the improper use of either certified or uncertified equipment, if applicable. Any evidence of alteration, erasing or forgery of proof-of-purchase documents will cause this warranty to be void. This warranty covers only the Original Owner and is not transferable.

In Order to Obtain Warranty Service: Warranty service will only be provided for defective products within the Warranted Area. Contact your local authorized Yamaha dealer who will advise you of the procedures to be followed. If this is not successful, contact Yamaha at the address, telephone number or website shown below. Yamaha may request that you send the defective product to a local authorized Yamaha Servicer or authorize return of the defective product to Yamaha for repair. If you are uncertain as to whether a dealer has been authorized by Yamaha, please contact Yamaha's Service Department at the number shown below, or check Yamaha's website at www.Yamaha.com. Product(s) shipped for service should be packed securely and must be accompanied by a detailed explanation of the problem(s) requiring service, together with the original or a machine reproduction of the bill of sale or other dated, proof-of-purchase document describing the product, as evidence of warranty coverage. Should any product submitted for warranty service be found ineligible therefore, an estimate of repair cost will be furnished and the repair will be accomplished only if requested by you and upon receipt of payment or acceptable arrangement for payment.

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If you have any questions about service received or if you need assistance in locating an authorized Yamaha Servicer, please contact:

YAMAHA

CUSTOMER SERVICE
Yamaha Corporation of America
6600 Orangethorpe Avenue, Buena Park, California 90620-1373
Telephone: 800-854-1569
www.yamaha.com
Do not return any product to the above address without a written Return Authorization issued by Yamaha.
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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)

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 makings 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.

* This applies only to products distributed by Yamaha Music U.K. Ltd. (2 wires)

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 : Digital Keyboard
Model Name : PSR-S910/S710

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)

This product contains a high intensity lamp that contains a small amount of mercury. Disposal of this material may be regulated due to environmental considerations.
For disposal information in the United States, refer to the Electronic Industries Alliance web site: www.eiae.org

* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA. (mercury)

The serial number of this product may be found on the bottom 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.

(bottom)

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.

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 - 4' andar, Itaim Bibi,
CEP 04534-013 Sao Paulo, SP. BRAZIL
Tel: 011-3704-1377

ARGENTINA
Yamaha Music Latin America, S.A.
Sucursal de Argentina
Olga Cossettini 1553, Piso 4 Norte
Madero Este-C1107CEK
Buenos Aires, Argentina
Tel: 011-4119-7000

**PANAMA AND OTHER LATIN
AMERICAN COUNTRIES/
CARIBBEAN COUNTRIES**
Yamaha Music Latin America, S.A.
Torre Banco General, Piso 7, Urbanización Marbella,
Calle 47 y Aquilino de la Guardia,
Ciudad de Panamá, Panamá
Tel: +507-269-5311

EUROPE

THE UNITED KINGDOM/IRELAND
Yamaha Music U.K. Ltd.
Sherbourne Drive, Tilbrook, Milton Keynes,
MK7 8BL, England
Tel: 01908-366700

GERMANY
Yamaha Music Europe GmbH
Siemensstraße 22-34, 25462 Rellingen, Germany
Tel: 04101-3030

SWITZERLAND/LIECHTENSTEIN
Yamaha Music Europe GmbH
Branch Switzerland in Zürich
Seefeldstrasse 94, 8008 Zürich, Switzerland
Tel: 01-383 3990

AUSTRIA
Yamaha Music Europe GmbH Branch Austria
Schleiergasse 20, A-1100 Wien, Austria
Tel: 01-60203900

**CZECH REPUBLIC/SLOVAKIA/
HUNGARY/SLOVENIA**
Yamaha Music Europe GmbH Branch Austria
Schleiergasse 20, A-1100 Wien, Austria
Tel: 01-602039025

POLAND
Yamaha Music Europe GmbH
Branch Sp.z o.o. Oddzial w Polsce
ul. 17 Stycznia 56, PL-02-146 Warszawa, Poland
Tel: 022-868-07-57

**THE NETHERLANDS/
BELGIUM/LUXEMBOURG**
Yamaha Music Europe Branch Benelux
Clarissenhof 5-b, 4133 AB Vianen, The Netherlands
Tel: 0347-358 040

FRANCE
Yamaha Musique France
BP 70-77312 Marne-la-Vallée Cedex 2, France
Tel: 01-64-61-4000

ITALY
Yamaha Musica Italia S.P.A.
Viale Italia 88, 20020 Lainate (Milano), Italy
Tel: 02-935-771

SPAIN/PORTUGAL
Yamaha Música Ibérica, S.A.
Ctra. de la Coruna km. 17, 200, 28230
Las Rozas (Madrid), Spain
Tel: 91-639-8888

GREECE
Philippos Nakas S.A. The Music House
147 Skiathou Street, 112-55 Athens, Greece
Tel: 01-228 2160

SWEDEN
Yamaha Scandinavia AB
J. A. Wettergrens Gata 1, Box 30053
S-400 43 Göteborg, Sweden
Tel: 031 89 34 00

DENMARK
YS Copenhagen Liaison Office
Generatorvej 6A, DK-2730 Herlev, Denmark
Tel: 44 92 49 00

FINLAND
F-Musiikki Oy
Kluuvikatu 6, P.O. Box 260,
SF-00101 Helsinki, Finland
Tel: 09 618511

NORWAY
Norsk filial av Yamaha Scandinavia AB
Grini Næringspark 1, N-1345 Østerås, Norway
Tel: 67 16 77 70

ICELAND
Skifan HF
Skeifan 17 P.O. Box 8120, IS-128 Reykjavik,
Iceland
Tel: 525 5000

RUSSIA
Yamaha Music (Russia)
Office 4015, entrance 2, 21/5 Kuznetskii
Most street, Moscow, 107996, Russia
Tel: 495 626 0660

OTHER EUROPEAN COUNTRIES
Yamaha Music Europe GmbH
Siemensstraße 22-34, 25462 Rellingen, Germany
Tel: +49-4101-3030

AFRICA

Yamaha Corporation,
Asia-Pacific Music Marketing Group
Nakazawa-cho 10-1, Naka-ku, Hamamatsu,
Japan 430-8650
Tel: +81-53-460-2312

MIDDLE EAST

TURKEY/CYPRUS
Yamaha Music Europe GmbH
Siemensstraße 22-34, 25462 Rellingen, Germany
Tel: 04101-3030

OTHER COUNTRIES
Yamaha Music Gulf FZE
LOB 16-513, P.O.Box 17328, Jubel Ali,
Dubai, United Arab Emirates
Tel: +971-4-881-5868

ASIA

THE PEOPLE'S REPUBLIC OF CHINA
Yamaha Music & Electronics (China) Co.,Ltd.
2F, Yunhedasha, 1818 Xinzha-lu, Jingan-qu,
Shanghai, China
Tel: 021-6247-2211

HONG KONG
Tom Lee Music Co., Ltd.
11/F., Silvercord Tower 1, 30 Canton Road,
Tsimshatsui, Kowloon, Hong Kong
Tel: 2737-7688

INDIA
Yamaha Music India Pvt. Ltd.
5F Ambience Corporate Tower Ambience Mall Complex
Ambience Island, NH-8, Gurgaon-122001, Haryana, India
Tel: 0124-466-5551

INDONESIA
PT. Yamaha Music Indonesia (Distributor)
PT. Nusantik
Gedung Yamaha Music Center, Jalan Jend. Gatot
Subroto Kav. 4, Jakarta 12930, Indonesia
Tel: 21-520-2577

KOREA
Yamaha Music Korea Ltd.
8F, 9F, Dongsung Bldg. 158-9 Samsung-Dong,
Kangnam-Gu, Seoul, Korea
Tel: 080-004-0022

MALAYSIA
Yamaha Music Malaysia, Sdn., Bhd.
Lot 8, Jalan Perbandaran, 47301 Kelana Jaya,
Petaling Jaya, Selangor, Malaysia
Tel: 3-78030900

PHILIPPINES
Yupangco Music Corporation
339 Gil J. Puyat Avenue, P.O. Box 885 MCPO,
Makati, Metro Manila, Philippines
Tel: 819-7551

SINGAPORE
Yamaha Music Asia Pte., Ltd.
#03-11 A-Z Building
140 Paya Lebor Road, Singapore 409015
Tel: 747-4374

TAIWAN
Yamaha KHS Music Co., Ltd.
3F, #6, Sec.2, Nan Jing E. Rd. Taipei.
Taiwan 104, R.O.C.
Tel: 02-2511-8688

THAILAND
Siam Music Yamaha Co., Ltd.
4, 6, 15 and 16th floor, Siam Motors Building,
891/1 Rama 1 Road, Wangmai,
Pathumwan, Bangkok 10330, Thailand
Tel: 02-215-2626

OTHER ASIAN COUNTRIES
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Nakazawa-cho 10-1, Naka-ku, Hamamatsu,
Japan 430-8650
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OCEANIA

AUSTRALIA
Yamaha Music Australia Pty. Ltd.
Level 1, 99 Queensbridge Street, Southbank,
Victoria 3006, Australia
Tel: 3-9693-5111

NEW ZEALAND
Music Works LTD
P.O.BOX 6246 Wellesley, Auckland 4680,
New Zealand
Tel: 9-634-0099

**COUNTRIES AND TRUST
TERRITORIES IN PACIFIC OCEAN**
Yamaha Corporation,
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Nakazawa-cho 10-1, Naka-ku, Hamamatsu,
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