



DIGITAL KEYBOARD

PSR-E353



Owner's Manual



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, never mix old batteries with new ones, and never mix different types of batteries. 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)

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-E353

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)

For AC adaptor and PSR-E353

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.

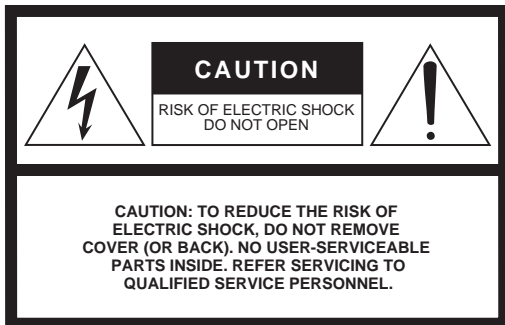
(class B)

For AC adaptor

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.

CAN ICES-3 (B)/NMB-3(B)

- This applies only to products distributed by Yamaha Canada Music Ltd.
- Ceci ne s'applique qu'aux produits distribués par Yamaha Canada Musique Ltée.
(can_b_01)



Explanation of Graphical Symbols



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



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

IMPORTANT SAFETY INSTRUCTIONS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING

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

(UL60065_03)

About the Manuals

In addition to this Owner's Manual, the following Online materials (PDF files) are available.



MIDI Reference

Contains MIDI-related information, such as the MIDI Implementation Chart.



MIDI Basics (only in English, French, German and Spanish)

Contains basic explanations about what MIDI is and can do.



Computer-related Operations

Contains instructions about computer-related functions.



iPhone/iPad Connection Manual

Explains how to connect the instrument to smart devices, such as iPhone, iPad, etc.

To obtain these manuals, access the Yamaha Downloads, enter "PSR-E353" (for example) to the Model Name box, then click [SEARCH].

Yamaha Downloads

<http://download.yamaha.com/>



Song Book (only in English, French, German and Spanish)

Contains music scores for the preset Songs (excluding the Demo Songs) of this instrument. After completing the user registration at the website below, you can download this Song Book free of charge.

Yamaha Online Member

<https://member.yamaha.com/myproduct/regist/>

You will need the PRODUCT ID on the sheet ("Online Member Product Registration") packaged with this manual in order to fill out the User Registration form.

Included Accessories

- Owner's Manual (this book)
- AC adaptor^{*1}
- Music rest
- Online Member Product Registration^{*2}

*1: May not be included depending on your particular locale. Check with your Yamaha dealer.

*2: The PRODUCT ID on the sheet will be needed when you fill out the User Registration form.

Formats and functions



GM System Level 1

"GM System Level 1" is an addition to the MIDI standard which ensures that any GM-compatible music data can be accurately played by any GM-compatible tone generator, regardless of manufacturer. The GM mark is affixed to all software and hardware products that support GM System Level.



XGlite

As its name implies, "XGlite" is a simplified version of Yamaha's high-quality XG tone generation format. Naturally, you can play back any XG song data using an XGlite tone generator. However, keep in mind that some songs may play back differently compared to the original data, due to the reduced set of control parameters and effects.



USB

USB is an abbreviation for Universal Serial Bus. It is a serial interface for connecting a computer with peripheral devices. It allows "hot swapping" (connecting peripheral devices while the power to the computer is on).



Style File Format (SFF)

The Style File Format combines all of Yamaha's auto accompaniment know-how into a single unified format.



Touch Response

The exceptionally natural Touch Response feature gives you maximum expressive control over the level of the Voices.

Thank you for purchasing this Yamaha Digital Keyboard!

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.

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PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe and handy place for future reference.

For AC adaptor



WARNING

- This AC adaptor is designed for use with only Yamaha electronic instruments. Do not use for any other purpose.
- Indoor use only. Do not use in any wet environments.



CAUTION

- When setting up, make sure that the AC outlet is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch of the instrument and disconnect the AC adaptor from the outlet. When the AC adaptor is connected to the AC outlet, keep in mind that electricity is flowing at the minimum level, even if the power switch is turned off. When you are not using the instrument for a long time, make sure to unplug the power cord from the wall AC outlet.

For PSR-E353



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 adaptor

- Do not place the power cord near heat sources such as heaters or radiators. Also, do not excessively bend or otherwise damage the cord, or place heavy objects on it.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use the specified adaptor (page 69) 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 open

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

Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) 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.

The model number, serial number, power requirements, etc., may be found on or near the name plate, which is at 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_en_01)

Fire warning

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

Battery

- Follow the precautions below. Failure to do so might result in explosion, fire, overheating or battery fluid leakage.
 - Do not tamper with or disassemble batteries.
 - Do not dispose of batteries in fire.
 - Do not attempt to recharge batteries that are not designed to be charged.
 - Keep the batteries separate from metallic objects such as necklaces, hairpins, coins, and keys.
 - Use the specified battery type (page 69) only.
 - Use new batteries, all of which are the same type, same model, and made by the same manufacturer.
 - Always make sure all batteries are inserted in conformity with the +/- polarity markings.
 - When the batteries run out, or if the instrument is not to be used for a long time, remove the batteries from the instrument.
 - When using Ni-MH batteries, follow the instructions that came with the batteries. Use only the specified charger device when charging.

- Keep batteries away from small children who might accidentally swallow them.
- If the batteries do leak, avoid contact with the leaked fluid. If the battery fluid should come in contact with your eyes, mouth, or skin, wash immediately with water and consult a doctor. Battery fluid is corrosive and may possibly cause loss of sight or chemical burns.

If you notice any abnormality

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



CAUTION

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

Power supply/AC adaptor

- 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.
- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.
- Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms.

- 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 it, use the provided screws only. Failure to do so could cause damage to the internal components or result in the instrument falling over.

Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- Before moving the instrument, remove all connected cables, to prevent damage to the cables or injury to anyone who might trip over them.

Connections


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

Handling caution

- Do not insert a finger or hand in any gaps on the instrument.
- Never insert or drop paper, metallic, or other objects into the gaps on the panel or keyboard. This could cause physical injury to you or others, damage to the instrument or other property, or operational failure.

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 [] (Standby/On) switch is in standby status, electricity is still flowing to the instrument at the minimum level.

When you are not using the instrument for a long time, make sure you unplug the power cord from the wall AC outlet.

Make sure to discard used batteries according to local regulations.

NOTICE

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

■ Handling

- 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. When you use the instrument along with an application on your iPhone, iPad or iPod touch, we recommend that you set “Airplane Mode” to “ON” on that device in order to avoid noise caused by communication.
- 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, damage to the internal components or unstable operation. (Verified operating temperature range: 5° – 40°C, or 41° – 104°F.)
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.

■ Maintenance

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

■ Saving data

- Some of the data of this instrument (page 43) are retained when the power is turned off. However, the saved data may be lost due to some failure, an operation mistake, etc. Save your important data onto an external device such as a computer (page 43).

- 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.

Information

■ About copyrights

- Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.
- This product incorporates and bundles contents in which Yamaha owns copyrights or with respect to which Yamaha has license to use others' copyrights. Due to copyright laws and other relevant laws, you are NOT allowed to distribute media in which these contents are saved or recorded and remain virtually the same or very similar to those in the product.
 - * The contents described above include a computer program, Accompaniment Style data, MIDI data, WAVE data, voice recording data, a score, score data, etc.
 - * You are allowed to distribute medium in which your performance or music production using these contents is recorded, and the permission of Yamaha Corporation is not required in such cases.

■ About functions/data bundled with the instrument

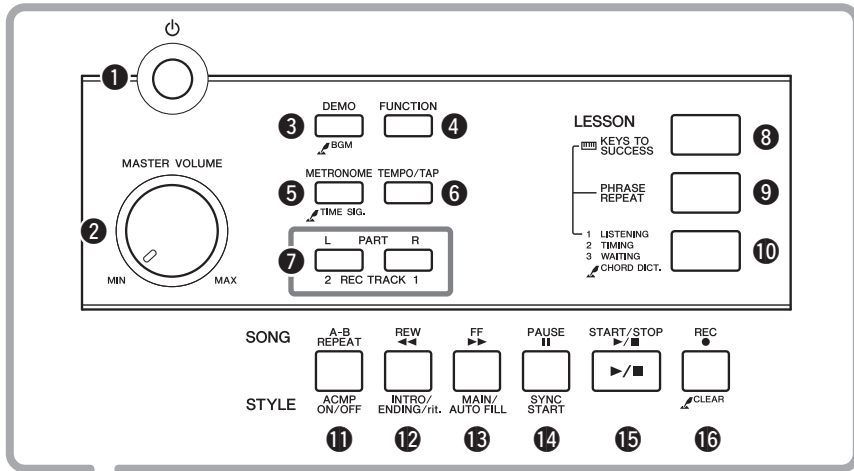
- Some of the preset songs have been edited for length or arrangement, and may not be exactly the same as the original.

■ About this manual

- 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.
- iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

Panel Controls and Terminals

Front Panel



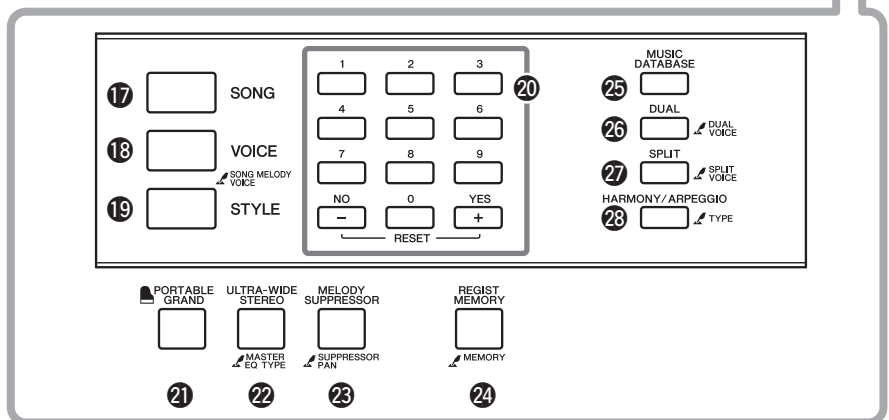
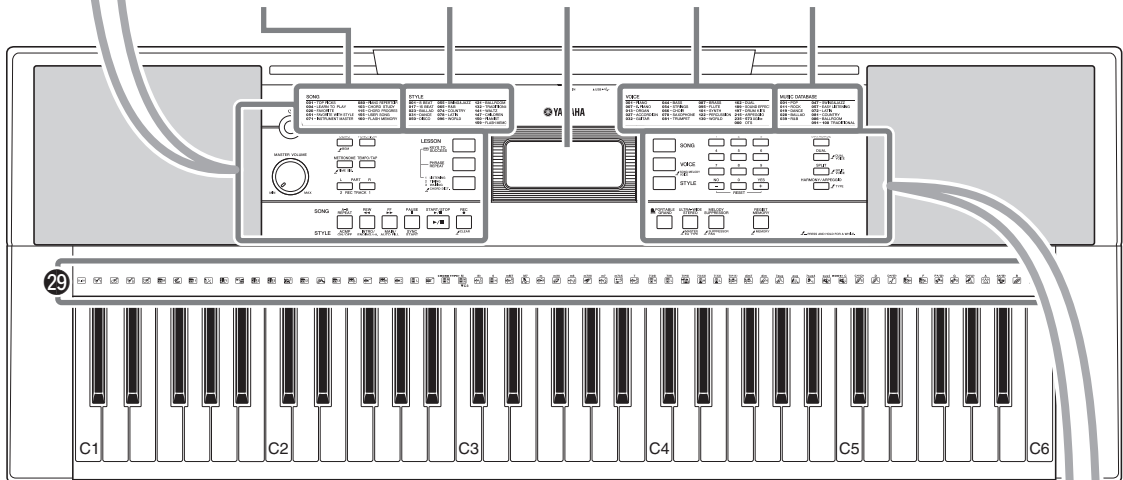
Song List
(page 64)

Style List
(page 65)

Display
(page 15)

Voice List
(page 56)

Music Database List
(page 66)



- ❶ [⏻] (Standby/On) switch page 13
- ❷ [MASTER VOLUME] dial page 13
- ❸ [DEMO] button page 28
- ❹ [FUNCTION] button page 40
- ❺ [METRONOME] button page 16
- ❻ [TEMPO/TAP] button page 24

In the Lesson mode

- ❷ **PART**
- [L] button page 33
- [R] button page 33

In the Recording mode

- ❷ [REC TRACK 2] button page 37
- [REC TRACK 1] button page 37

- ❸ [KEYS TO SUCCESS] button page 31
- ❹ [PHRASE REPEAT] button page 34
- ❺ [1 LISTENING 2 TIMING 3 WAITING] button page 33

In the Song mode

- ❶ [A-B REPEAT] button page 29
- ❷ [REW] button page 28
- ❸ [FF] button page 28
- ❹ [PAUSE] button page 28

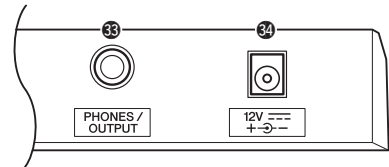
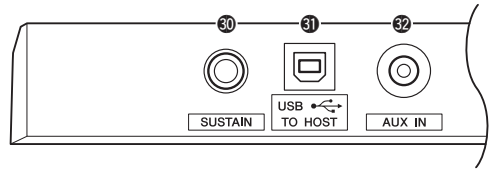
In the Style mode

- ❶ [ACMP ON/OFF] button page 22
- ❷ [INTRO/ENDING/rit.] button page 24
- ❸ [MAIN/AUTO FILL] button page 24
- ❹ [SYNC START] button page 22

- ❶ [START/STOP] button pages 22, 27
- ❷ [REC] button page 37
- ❸ [SONG] button page 27
- ❹ [VOICE] button page 16
- ❺ [STYLE] button page 22
- ❻ Number buttons [0]–[9], [+], [-] page 15
- ❼ [PORTABLE GRAND] button page 16
- ❽ [ULTRA-WIDE STEREO] button page 18
- ❾ [MELODY SUPPRESSOR] button page 30
- ❿ [REGIST MEMORY] button page 39
- ⓫ [MUSIC DATABASE] button page 23
- ⓬ [DUAL] button page 17
- ⓭ [SPLIT] button page 17
- ⓮ [HARMONY] button page 19
- ⓯ **Drum illustrations for the Drum Kit** page 16

Each of these indicates the drum or percussion instrument assigned to the corresponding key for “Standard Kit 1.”

Rear Panel



- ❶ [SUSTAIN] jack page 13
- ❷ [USB TO HOST] terminal* page 43
- ❸ [AUX IN] jack page 30
- ❹ [PHONES/OUTPUT] jack page 13
- ❺ DC IN jack page 12

* For connecting to a computer. For details, refer to “Computer-related Operations” (page 5) on the website. When connecting, use an AB type USB cable of less than 3 meters. USB 3.0 cables cannot be used.

The “Press & Hold” Symbol

Buttons having this indication can be used to call up an alternate function when the relevant button is pressed and held. Hold down this button until the function is called up.

Setting Up

Power Requirements

Although the instrument will run either from an AC adaptor or batteries, Yamaha recommends use of an AC adaptor whenever possible. An AC adaptor is more environmentally friendly than batteries and does not deplete resources.

Using an AC adaptor

- 1 Make sure that the power of the instrument is off (the backlight display is off).

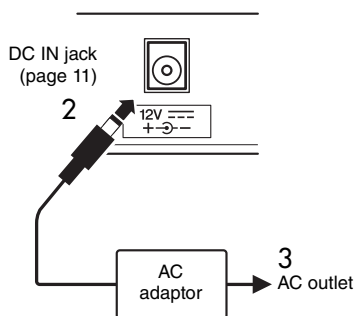
⚠ WARNING

- Use the specified adaptor (page 69) only. Using the wrong adaptor can result in damage to the instrument or overheating.

- 2 Connect the AC adaptor to the DC IN jack (power supply jack).
- 3 Plug the AC adaptor into an AC outlet.

⚠ CAUTION

- 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.



NOTE

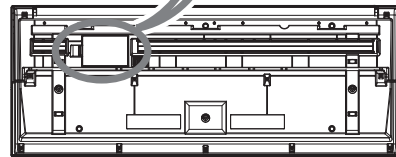
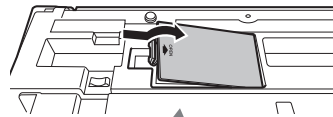
- After turning off the power, follow this procedure in reverse order to disconnect the AC adaptor.
- Power will be automatically drawn from the AC adaptor if an AC adaptor is connected while batteries are installed in the instrument.

Using Batteries

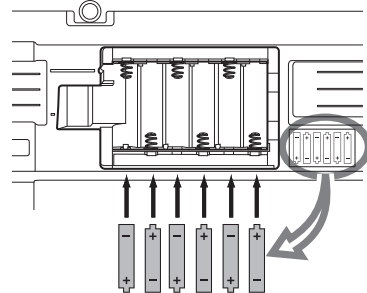
This instrument requires six “AA” size, Alkaline (LR6)/Manganese (R6) batteries, or rechargeable nickel-metal hydride batteries (rechargeable Ni-MH batteries). The Alkaline batteries or rechargeable Ni-MH batteries are recommended for this instrument, since other types may result in poorer battery performance.

■ Installing the batteries

- 1 Make sure that the power of the instrument is off.
- 2 Open the battery compartment cover located on the instrument's bottom panel.



- 3 Insert the six new batteries, being careful to follow the polarity markings on the inside of the compartment.



- 4 Replace the compartment cover, making sure that it locks firmly in place.

NOTICE

- Connecting or disconnecting the power adaptor with batteries installed may turn the power off, resulting in loss of data being recorded or transferred at the time.
- Change the setting of the instrument according to the kind of battery you are using (Battery Type; page 42).

When battery power becomes too low for proper operation, the volume may be reduced, the sound may be distorted, and other problems may occur. When this happens, make sure to replace all batteries with new ones or already-recharged ones.

NOTE

- This instrument cannot charge the batteries. Use only the specified charger device when charging.
- Power will be automatically drawn from the AC adaptor if an AC adaptor is connected while batteries are installed in the instrument.

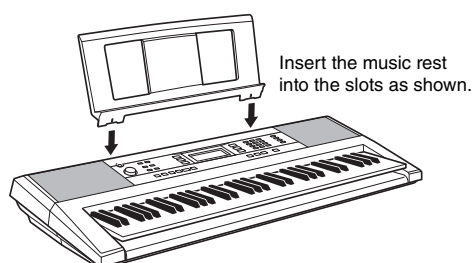
■ Setting the battery type

After installing new batteries and turning the power on, make sure to set the Battery Type appropriately (rechargeable or not) via Function number 046 (page 42).

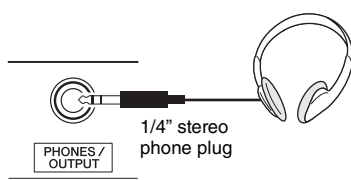
NOTICE

- Failure to set the Battery Type may shorten the amount of the battery life. Make sure to set the Battery Type correctly.

Using the music rest



Connecting Headphones (sold separately) or External Audio Equipment



A pair of stereo headphones with a 1/4" stereo phone plug can be plugged in here for convenient monitoring. The speakers are automatically shut off when a plug is inserted into this jack.

The [PHONES/OUTPUT] jack also functions as an external output. You can connect the [PHONES/OUTPUT] jack to a computer, a keyboard amplifier, stereo system, mixer, recorder, or other line-level audio device to send the instrument's output signal to that device.

⚠ CAUTION

- 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.
- Before connecting the instrument to other electronic components, set all volume levels to the minimum, then turn off the power for all components.

NOTICE

- 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.

Connecting a Footswitch to the [SUSTAIN] jack



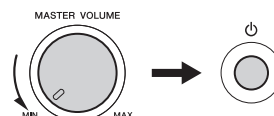
You can produce a natural sustain as you play by pressing a Footswitch (FC5/FC4A; sold separately) plugged into the [SUSTAIN] jack.

NOTE

- Make sure that the footswitch plug is properly connected to the [SUSTAIN] jack before turning on the power.
- Do not press the footswitch while turning the power on. Doing this changes the recognized polarity of the footswitch, resulting in reversed footswitch operation.
- The sustain function does not affect split voices (page 17) and style (automatic accompaniment; page 22).

Turning the Power On/Off

- 1 Turn down the [MASTER VOLUME] dial to "MIN."



- 2 Press the [⏻] (Standby/On) switch to turn on the power. While playing the keyboard, adjust the [MASTER VOLUME] dial. To turn off the power, press the [⏻] (Standby/On) switch again for a second.

⚠ CAUTION

- When using a power adaptor, even when the power is off, a small amount of electricity is still being consumed by the instrument. When you are not using the instrument for a long time, make sure to unplug the AC adaptor from the wall AC outlet.

Auto Power Off Function

To prevent unnecessary power consumption, this instrument features an Auto Power Off function that automatically turns the power off if the instrument is not operated for a specified period of time. The amount of time that will elapse before the power is automatically turned off is set by default to 30 minutes.

■ To set the time that elapses before Auto Power Off is executed:

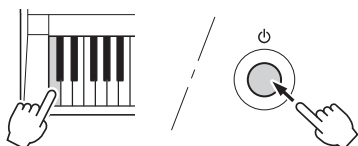
Press the [FUNCTION] button several times until “AutoOff” (Function 045; page 42) appears, then use the [+] or [-] button to select the desired value.

Settings: OFF, 5, 10, 15, 30, 60, 120 (minutes)

Default value: 30 (minutes)

■ To disable the Auto Power Off function:

Turn off the power, then press the [] (Standby/On) switch to turn on the power while holding down the lowest key. The Auto Power Off function also can be disabled by selecting Off in Function number 045 (page 42).



NOTE

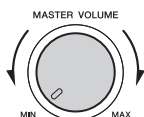
- Generally, the data and settings are maintained even when the power is turned off. For details, see page 43.

NOTICE

- Depending on the instrument status, the power may not turn off automatically, even after the elapse of the specified period of time. Always turn off the power manually when the instrument is not in use.
- When the instrument is not operated for a specified period of time while connected to an external device such as an amplifier, speaker or computer, make sure to follow the instructions in the Owner’s Manual to turn off the power to the instrument and the connected devices, in order to protect the devices from damage. If you do not want the power to turn off automatically when a device is connected, disable Auto Power Off.

Setting the Volume

When you start playing, use the [MASTER VOLUME] dial to adjust the volume of the entire keyboard sound.



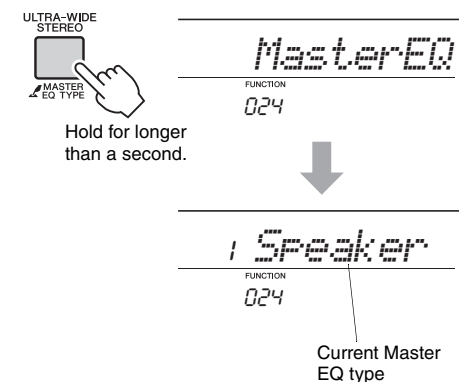
CAUTION

- Do not use this instrument at a high volume level for a long period of time, or your hearing may be damaged.

Selecting an EQ Setting for the Best Sound

Six different master equalizer (EQ) settings give you the best possible sound when listening through different reproduction systems—the instrument’s internal speakers, headphones, or an external speaker system.

1 Hold down the [ULTRA-WIDE STEREO] button for longer than a second to call up “024 MasterEQ” (Function 024; page 41).



2 Use the [+] or [-] button to select the desired Master EQ type.

Master EQ types

1	Speaker	Optimum for listening via the instrument’s built-in speakers.
2	Headphone	Optimum for headphones, or for listening via external speakers.
3	Boost	Features more powerful sound.
4	Piano	Optimum for piano solo performance.
5	Bright	Lowers the mid range for a brighter sound.
6	Mild	Lowers the high range for a softer sound.

Changing the Touch Response of the Keyboard

You can specify the Touch Response (how the sound responds to your playing strength). This can be set via Function number 007 (page 40).

Display Items and Basic Operations

Display Items

Song/Voice/Style

These indicate the operating condition of the instrument.

SONG

VOICE

STYLE

Lesson Indication

This area indicates the Lesson related status is on.

|||||

Keys To Success (page 31)

PHRASE

Phrase Repeat (page 34)
Chord Progression (page 36)

☆☆☆

Indicates the Passing Status (page 32) of the Keys To Success lesson.

On/Off status

Each indication is shown when the corresponding function is turned on.

TOUCH

... Touch Response (page 14)

WIDE

... Ultra-Wide Stereo (page 18)

ACMP

... Auto Accompaniment (page 22)

SPLIT

... Split (page 17)

DUAL

... Dual (page 17)

HARMONY

... Harmony (page 19)

ARPEGGIO

... Arpeggio (page 19)

DUO

... Duo (page 21)

Notation

Normally this indicates the notes you play. When the Song Lesson function is used, this indicates the current notes and chord of playback. When the Dictionary function (page 26) is used, this indicates the notes of the chord you specify.

NOTE

- Any notes occurring below or above the staff are indicated by "8va."
- For a few specific chords, not all notes may be shown, due to space limitations in the display.

Chord

Indicates the chord which is played on the Auto Accompaniment track (page 22) of the keyboard, or specified via Song playback.

[

Song Track status

Indicates the on/off status of Song playback or target Track of Song recording (page 29, 38).

L

R

R

Lit: Track contains data

R

Unlit: Track is muted or contains no data

R

Flashing: Track is selected as recording track

Measure or Function

Normally indicates the current measure number of current Style or Song. When the [FUNCTION] button (page 40) is in use, this indicates the Function number.

MEASURE
003

FUNCTION
027

Keyboard Display

Indicates notes currently being played. Indicates the melody and chord notes of a Song when the Song lesson function is in use. Also indicates the notes of a chord—either when playing a chord or when using the Dictionary function.

Beat

Indicates the current beat of playback.

Basic Operations

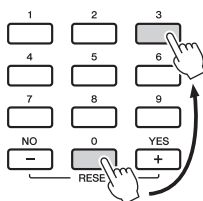
Before operating the instrument, it may be helpful to familiarize yourself with the basic controls below that are used to select items and change values.

■ Number buttons

Use the Number buttons to directly enter an item or value. For numbers that start with one or two zeroes, the first zeroes can be omitted.

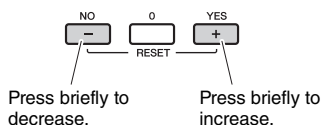
Example: Selecting Voice 003, Harpsichord.

Press number buttons [0], [0], [3], or simply press [3].



■ [-] and [+] buttons

Press the [+] button briefly to increase the value by 1, or press the [-] button briefly to decrease the value by 1. Press and hold either button to continuously increase or decrease the value in the corresponding direction.



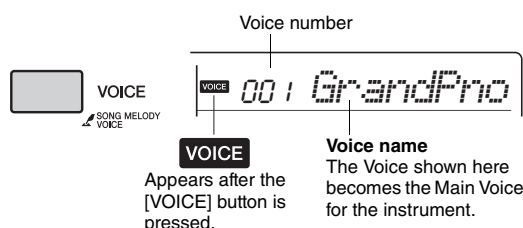
Playing a Variety of Instrument Voices

In addition to piano, organ, and other “standard” keyboard instruments, this instrument has a large range of Voices that includes guitar, bass, strings, sax, trumpet, drums and percussion, and even sound effects—giving you a wide variety of musical sounds.

Selecting a Main Voice

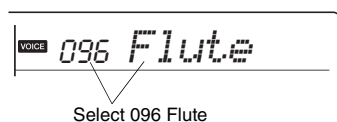
1 Press the [VOICE] button.

The Voice number and name will be shown.

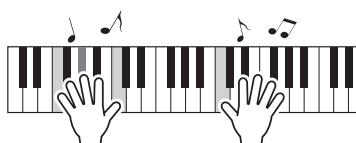


2 Use the number buttons [0]–[9], [+], [-] buttons to select the desired Voice.

Refer to the Voice List on page 56.



3 Play the keyboard.



Preset Voice Types

001–196	Instrument Voices (including sound effects).
197–214 (Drum Kit)	Various drum and percussion sounds are assigned to individual keys, from which they can be played. Details on the instruments and key assignments of each Drum Kit can be found in the Drum Kit List on page 61.
215–234	Arpeggios are automatically reproduced by simply playing the keyboard (page 19).
235–573	XGlite Voices (page 58)
000	One Touch Setting The One Touch Setting feature automatically selects the most suitable Voice when you select a Style or Song (excepting the Song inputted from the [AUX IN] jack). Simply select Voice number “000” to activate this feature.

Playing the “Grand Piano”

When you want to reset various settings to default and simply play a Piano sound, press the [PORTABLE GRAND] button.



The Voice “001 Grand Piano” will automatically be selected as the Main Voice.

Using the Metronome

The instrument features a built-in metronome (a device that keeps an accurate tempo), convenient for practicing.

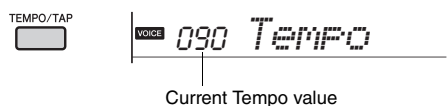
1 Press the [METRONOME] button to start the metronome.



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

To change the tempo:

Press the [TEMPO/TAP] button to call up the Tempo value, then use the number buttons [0]–[9], [+], [-].



Press the [+] and [-] buttons simultaneously to instantly reset the value to the default tempo.

To set the Time Signature:

Press and hold the [METRONOME] button to call up “TimeSigN” (Functions 036; page 42), then use the Number buttons.

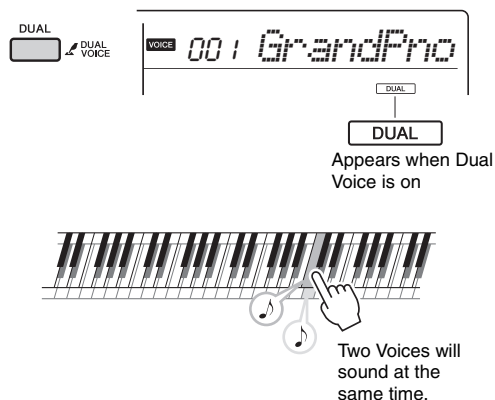
To set the Metronome Volume:

This can be set via Function number 038 (page 42).

Layering a Dual Voice

In addition to the Main Voice, you can layer a different Voice over the entire keyboard as a “Dual Voice.”

- 1 Press the [DUAL] button to turn Dual on.



- 2 Press the [DUAL] button again to exit from Dual.

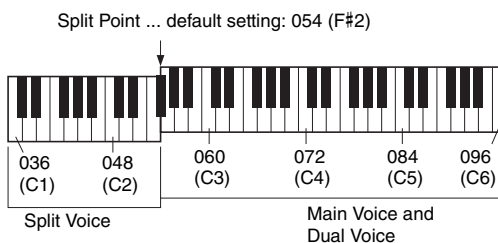
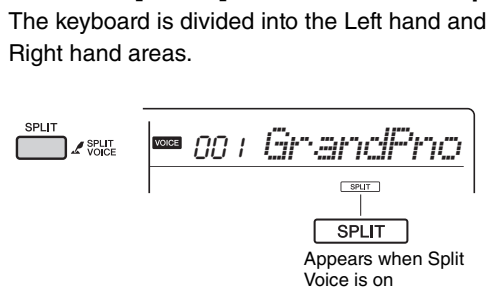
To select a different Dual Voice:

Although turning on Dual will select a Dual Voice suitable for the current Main Voice, you can easily select a different Dual Voice by pressing and holding the [Dual] button to call up “D.Voice” (Function 012; page 41), then using the number buttons [0]–[9], [+], [-].

Playing a Split Voice in the Left Hand area

By dividing the keyboard into the two separate areas, you can play a different Voice between the Left hand and Right hand areas.

- 1 Press the [SPLIT] button to turn on Split.



You can play a “Split Voice” on the Left hand area of the keyboard while playing a Main Voice and Dual Voice on the Right hand area of the keyboard.

The highest key for the Left hand area is referred to as the “Split Point” (Function 006; page 40) which can be changed from the default F#2 key.

- 2 Press the [SPLIT] button again to exit from Split.

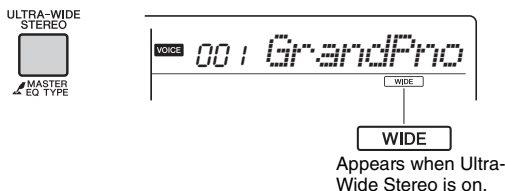
To select a different Split Voice:

Press and hold the [Split] button to call up “S.Voice” (Function 016; page 41), then use the number buttons [0]–[9], [+], [-].

Playing with enhanced, more spacious sound (Ultra-Wide Stereo)

You can play the keyboard with a spacious, wider sound effect that gives you the sensation of hearing the sound outside of the speakers by turning on the Ultra-Wide Stereo effect.

1 Press the [ULTRA-WIDE STEREO] button to turn it on.



The sound will expand around you—as if the speaker position is outside of the instrument.

2 Press the [ULTRA-WIDE STEREO] button again to turn it off.

To select the Ultra-Wide Stereo type:

Press and hold the [ULTRA-WIDE STEREO] button to call up “Wide” (Function 025; page 41), then use the Number buttons.

Applying Effects to the Sound

This instrument can apply various Effects as listed below to the instrument’s sound.

● Reverb

Adds the ambience of a club or concert hall to the sound. Although the best-suited Reverb type is called up by selecting a Song or Style, you can select another one via Function number 020 (page 41). You can also set the Reverb depth via Function number 021 (page 41).

● Chorus

Makes the Voice sound richer, warmer and more spacious. Although the best-suited Chorus type is called up by selecting a Song or Style, you can select another one via Function number 022 (page 41).

● Panel Sustain

By turning on the Sustain parameter of Function number 023 (page 41), you can add a fixed, automatic sustain to the keyboard Voices. Sustain can also be applied as desired with the footswitch (sold separately; page 13).

NOTE

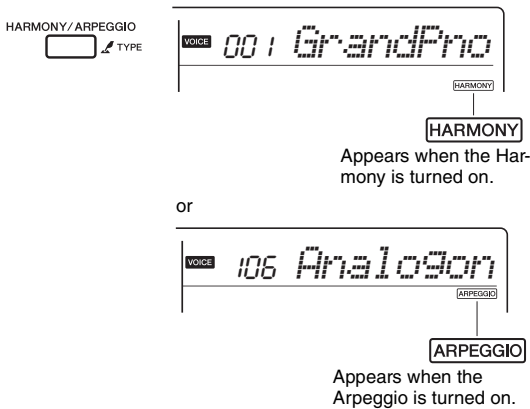
- Even if you turn on Panel Sustain, there are some Voices to which sustain is not applied.

Adding Harmony or Arpeggio

You can add harmony or arpeggio notes to the Main Voice.

By specifying the Harmony Type, you can apply harmony parts, such as duet or trio, or add tremolo or echo effects to the played sound of the Main Voice or the Dual Voice. Also, when the Arpeggio Type is selected, arpeggios (broken chords) are automatically played back when you simply play the appropriate notes on the keyboard. For example, you could play the notes of a triad—the root, third, and fifth—and the Arpeggio function will automatically create a variety of interesting phrases. This feature can be used creatively in music production as well as performance.

- 1 Press the [HARMONY/ARPEGGIO] button to turn on the Harmony or Arpeggio function.



When the Harmony or the Arpeggio is turned on, the most suitable one will be selected for the current Main Voice.

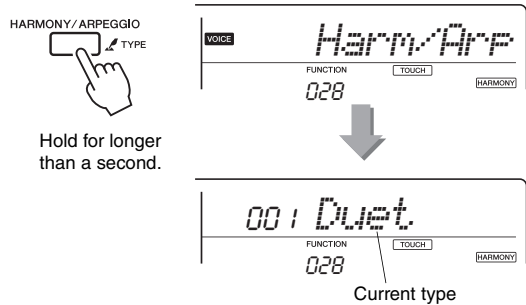
If you want to select a specific type, select it by the operation steps 2 and 3 below.

NOTE

- The Harmony effect can be added to only the Main Voice.
- When selecting a Voice number between 215 and 234, the Arpeggio function will automatically be turned on.
- When selecting a Harmony Type between 001 and 005, the harmony effect will only be added to your right-hand melody play if you turn on the Style (page 22) and press chords in the auto accompaniment range of the keyboard.

- 2 Hold down the [HARMONY/ARPEGGIO] button for longer than a second so that “Harm/Arp” (Functions 028; page 41) appears on the display.

After “Harm/Arp” is shown for a few seconds, the current type appears.



- 3 Use the number buttons [0]–[9], [+], [-] buttons to select the desired type.

When you want to specify a Harmony Type, refer to the Harmony Type list on page 67; to specify an Arpeggio Type, refer to the Arpeggio Type list on page 67.

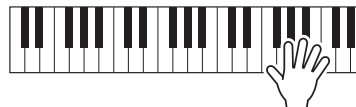
NOTE

- When playing one of the Arpeggio Types 143 to 176, select one of the following dedicated Voices as the Main Voice.
 - 143–173: Select a drum Voice.
 - 174 (China): Select “StdKit1 + Chinese Perc” (Voice No.207).
 - 175 (Indian): Select “Indian Kit 1” (Voice No.208) or “Indian Kit 2” (Voice No.209).
 - 176 (Arabic): Select “Arabic Kit” (Voice No.210).

- 4 Press a note or notes on the keyboard to trigger the Harmony or Arpeggio.

When a Harmony Type is selected, a harmony part (for example, duet or trio) or an effect (for example, tremolo or echo) can be added to the played sound of the Main Voice.

Also, when an Arpeggio Type is selected, arpeggios (broken chords) are automatically played back when you simply play the appropriate notes on the keyboard. The particular arpeggio phrase differs depending on the number of pressed notes and the area of the keyboard.



- 5 To turn the Harmony or Arpeggio off, press the [HARMONY/ARPEGGIO] button again.

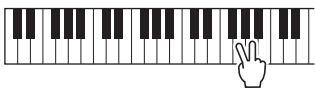
How the effect is applied to the sound for the various Types

- Harmony Type 001 to 005



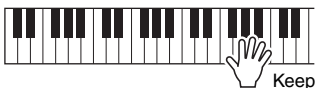
Press the right-hand keys while playing chords in the auto accompaniment range of the keyboard when Auto Accompaniment is on (page 22).

- Harmony Type 006 to 012 (Trill)



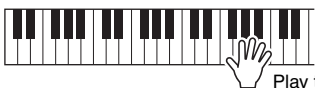
Hold down two keys.

- Harmony Type 013 to 019 (Tremolo)



Keep holding down the keys.

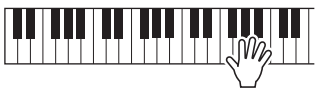
- Harmony Type 020 to 026 (Echo)



Play the keys.

- Arpeggio Type 027 to 176

When Split is off:



Arpeggio function applies to the Main Voice and the Dual Voice.

When Split is on:



Arpeggio function applies only to the split Voice.

NOTE

- Arpeggio cannot be applied to the Split and Main/Dual Voices simultaneously.
- Selecting a Voice number between 225 and 234 as the Main Voice will turn on Arpeggio and Split automatically.

To adjust the Harmony Volume:

This can be adjusted via Function number 029 (page 41).

To adjust the Arpeggio Velocity:

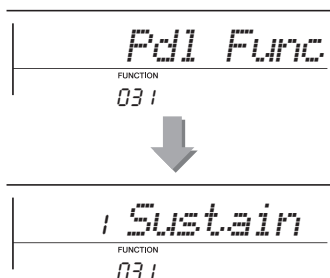
This can be adjusted via Function number 030 (page 41).

Holding the Arpeggio Playback via the Footswitch (Hold)

You can set the instrument so that Arpeggio playback continues even after the note has been released, by pressing the footswitch connected to the [SUSTAIN] jack.

- 1 Press a [FUNCTION] button a number of times until the “PdI Func” (Function 031) item appears on the display.**

After “PdI Func” is shown for a few seconds, the current setting is shown.



- 2 Use the number buttons [0]–[9], [+], [-] buttons to select “Arp Hold.”**

If you want to restore the footswitch function to sustain, select “Sustain.” If you want to use both hold and sustain functions, select “Hold+Sus.”



- 3 Try playing the keyboard with Arpeggio playback using the footswitch.**

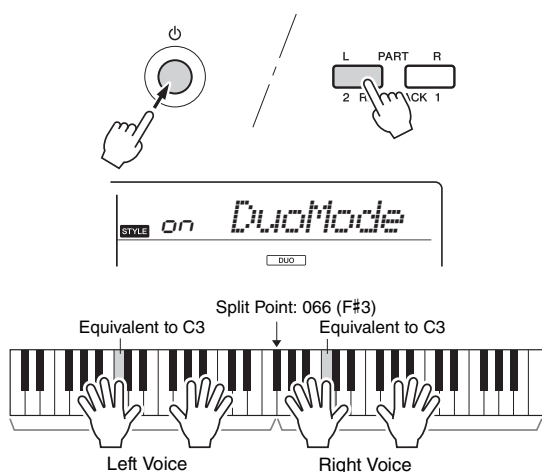
Press the notes to trigger the Arpeggio, then press the footswitch. Even if you release the notes, Arpeggio playback will continue. To stop Arpeggio playback, release the footswitch.

Playing the keyboard with two persons (Duo mode)

When the Duo mode is activated on this instrument, two different players can play the instrument simultaneously, with the same sound, over the same octave range—one person on the left and the other on the right. This is useful for learning applications, in which one person (a teacher, for example) plays a model performance and the other person watches and practices while sitting at the first person's side.

- 1 To start this instrument in the Duo mode, simultaneously hold down the [L] button and press the [⏻] (Standby/On) switch to turn on the power.

“DuoMode” is shown in the display for a few seconds, and the F#3 key becomes the Split Point and the keyboard is divided into two sections: one for the left Voice and one for the right Voice.



NOTE

- The right Voice section and the left Voice section of the keyboard are both set to the same Voice (Main Voice).
- In the Duo mode, the Split Point cannot be changed from F#3.

- 2 One person should play the left Voice section of the keyboard while the other plays the right Voice section.

Selecting a Voice

Select a Voice by executing Steps 1 and 2 in “Selecting a Main Voice” on page 16.

NOTE

- When a Dual Voice is selected from Voice numbers 162 to 188, the left Voice section sounds only the Main Voice.
- Certain functions such as Lesson, Harmony/Arpeggio and Dual cannot be used in the Duo mode.

How sounds are output in the Duo mode

Notes played in the left Voice section sound from the left side speaker while notes played in the right Voice section sound from the right side speaker, in the initial Duo mode setting. This output setting can be changed from the “VoiceOut” setting (Function 027; page 41).

NOTE

- In the Duo mode, the pan, volume and tonal characteristics of the stereo sound may differ from those in the normal mode, due to the setting of VoiceOut = “Separate” (page 41). Particularly with Drum Kits, the difference may be more obvious, since each key of a Drum Kit features a different stereo pan position.

Using sustain in the Duo mode

Sustain can be applied to the left and right Voice sections in Duo mode just as it normally is by using one of the following methods in the Duo mode like the usual mode.

- Press the foot switch (page 13) connected to the [SUSTAIN] jack.
- Set “Sustain” (Function 023; page 41) to on.

NOTE

- Sustain cannot be applied independently to the left Voice section and the right Voice section.
- While Panel Sustain is on, the setting of hold is maintained even when the power is turned off.

Style Playback in the Duo mode

Although full Style features (accompaniment) cannot be used in the Duo mode, the rhythm part of a Style can be played back while playing the left/right Voices normally.

Recording in the Duo mode

The right Voice section and the left Voice section are recorded on the same track.

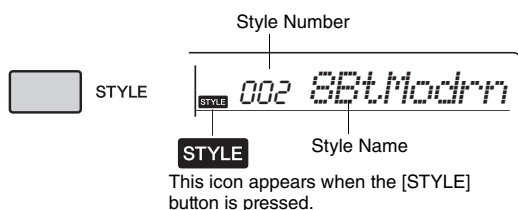
- 3 To exit from the Duo mode, press the [⏻] (Standby/On) switch to turn off the power, and turn the power back on again normally.

Playing Styles

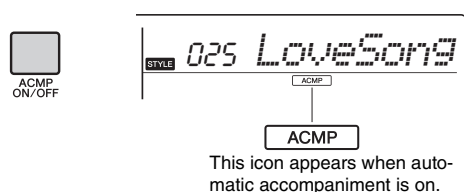
This instrument includes the Auto Accompaniment feature that plays appropriate “Styles” (rhythm + bass + chord accompaniment). You can select from a huge variety of Styles covering a wide range of musical genres.

- 1 Press the [STYLE] button, then use the number buttons [0]–[9], [+], [-] to select the desired Style.

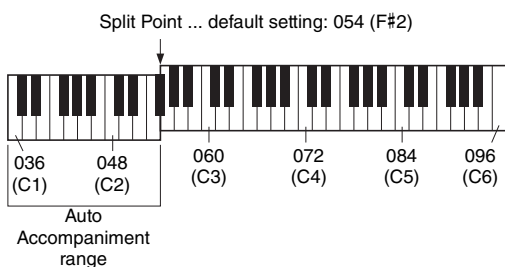
The Style List is provided on the front panel, or in the Style List (page 65).



- 2 Press the [ACMP ON/OFF] button to turn on the Auto Accompaniment.

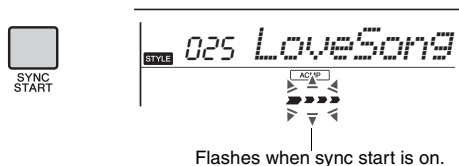


With this operation, the area of the keyboard to the left of the Split Point (054: F#2) becomes the “Auto Accompaniment range” and is used only for specifying the chords.



The highest key for the Auto Accompaniment range is referred to as the “Split Point,” which can be changed from the default of F#2 via Function number 006 (page 40).

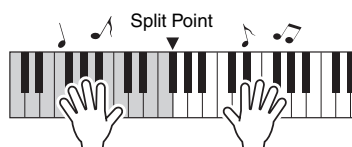
- 3 Press the [SYNC START] button to turn Synchro Start on.



- 4 Play a chord in the Auto Accompaniment range to start playback.

Play a melody with the right hand and chords with the left hand.

For information about chords, refer to “Chord Types for Style Playback” (page 25) or use the Chord Dictionary function (page 26).



- 5 Press the [START/STOP] button to stop playback.



You can add intro, ending and rhythm variations to Style playback by using “Sections.” For details, refer to page 24.

To play back the rhythm part only

If you press the [START/STOP] button (without pressing the [ACMP ON/OFF] button in step 2), only the rhythm part can be played back, and you can play a melody performance using the entire keyboard range.

NOTE

- Since the Pianist category Styles (150–158) have no rhythm parts, no sound will be produced if you start rhythm-only playback. When playing these Styles, make sure to carry out Steps 2–4 on this page.

Adjusting the Style Volume

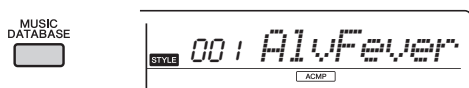
To adjust the volume balance between Style playback and keyboard, you can adjust the Style Volume. This can be set via Function number 001 (page 40).

Using the Music Database

If you have difficulty finding and selecting the desired Style and Voice, use this feature. From the Music Database, just selecting the favorite music genre calls up the ideal settings.

1 Press the [MUSIC DATABASE] button.

Both the Auto Accompaniment and Synchro Start are automatically turned on.



2 Use the number buttons [0]–[9], [+], [-] to select the desired Music Database.

This operation calls up the panel settings such as Voice and Style that are registered to the selected Music Database. The category name of Music Database List is provided on the front panel, or in the Music Database List (page 66).

3 Play the keyboard as described in Steps 4–5 on page 22.

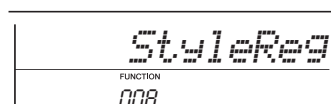
Registering a Style File

In addition to the Preset Styles, you can register an external Style file (“*.sty” file transferred from a computer) as Style number 159 which will be used in the same way as the Preset Styles.

1 Transfer the Style file (*.sty) from a computer to this instrument by using Musicsoft Downloader.

For instructions, refer to “Computer-related Operations” (page 5) on the website. You can transfer two or more Styles to this instrument although only a single Style can be registered to Style number 159.

2 Press the [FUNCTION] button several times until “StyleReg” (Function 008; page 40) appears.



After about two seconds, a registerable Style file name will appear in the display.

3 If necessary, select the desired Style by using the [+] or [-] button.

4 Press the [0] button.

A confirmation message for the register operation will appear.

5 Press the [+ / YES] button to actually register the file.

Style Variations—Sections

Each Style consists of “Sections” that allow you to vary the arrangement of the accompaniment to match the song you are playing. These instructions cover a typical example for using the Sections.



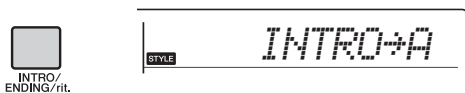
1–3

Same as Steps 1–3 in page 22.

4 Press the [MAIN/AUTO FILL] button to select Main A or Main B.



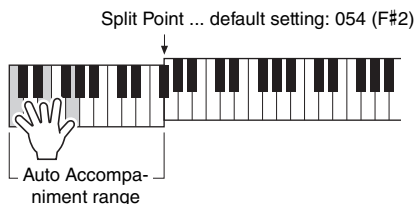
5 Press the [INTRO/ENDING/rit.] button.



Now, you're ready to start Style playback from the Intro section.

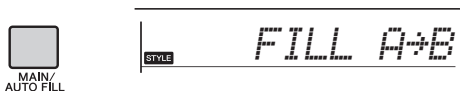
6 Play a chord with your left hand to start playback of the Intro.

For this example, play a C major chord (as shown below). For information on how to enter chords, see “Chord Types for Style Playback” on page 25.



7 After the Intro finishes, play the keyboard according to the progression of the Song you are playing.

Play chords with your left hand while playing melodies with your right hand, and press the [MAIN/AUTO FILL] button as necessary. The Section will change to Fill-in then Main A or B.



8 Press the [INTRO/ENDING/rit.] button.



The Section switches to the Ending. When the Ending is finished, Style playback stops automatically. You can have the Ending gradually slow down (ritardando) by pressing the [INTRO/ENDING/rit.] button again while the Ending is playing back.

Changing the Tempo

Press the [TEMPO/TAP] button to call up the Tempo value, then use the [-] and [+] buttons to adjust the Tempo value.



Press the [+] and [-] buttons simultaneously to reset the value to the default tempo of the current Style or Song.

Using the Tap function

While a Song or Style is playing back, press the [TEMPO/TAP] button just twice at the desired tempo to change the tempo. While Song or Style playback is stopped, tap the [TEMPO/TAP] button several times to start playback at the tapped tempo—four times for a 4-beat Song or Style or three times for a 3-beat Song or Style.



Chord Types for Style Playback

For users who are new to chords, this chart conveniently shows how to play common chords in the Auto Accompaniment range of the keyboard. 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

- Inversions can be used as well as in "root" position—with the following exceptions:
m7, m7♭5, 6, m6, sus4, aug, dim7, 7♭5, 6(9), sus2
- Inversion of the 7sus4 and m7(11) chords are not recognized if the notes are omitted.
- Sus2 chords are indicated by the root name only.
- When playing a chord which cannot be recognized by this instrument, nothing is shown on the display. In such a case, only the rhythm and bass parts will be played.

Easy Chords

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

For root "C"



To play a major chord
Press the root note (★) of the chord.



To play a minor chord
Press the root note together with the nearest black key to the left of it.



To play a seventh chord
Press the root note together with the nearest white key to the left of it.



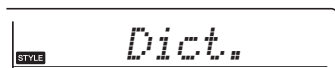
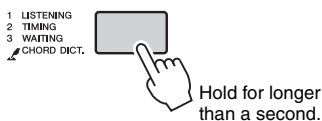
To play a minor seventh chord
Press the root note together with the nearest white and black keys to the left of it (three keys altogether).

Looking Up Chords Using the Chord Dictionary

The Dictionary function is useful when you know the name of a certain chord and want to quickly learn how to play it.

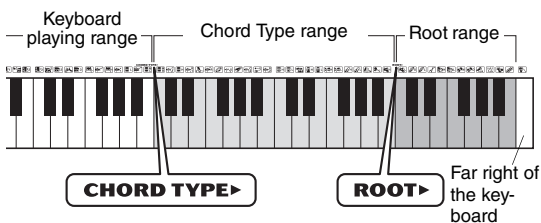
1 Press and hold the [1 LISTENING 2 TIMING 3 WAITING] button for longer than a second to call up “Dict.”

“Dict.” will appear in the display.



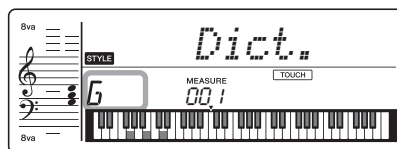
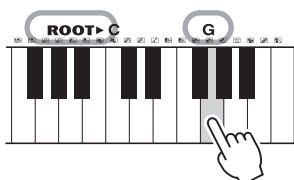
This operation will divide the entire keyboard into the three ranges as illustrated below.

- The range to the right of “ROOT ▶”: Lets you specify the Chord Root, but produces no sound.
- The range between “CHORD TYPE ▶” and “ROOT ▶”: Lets you specify the Chord Type, but produces no sound.
- The range to the left of “CHORD TYPE ▶”: Lets you play and confirm the Chord specified in the above two ranges.

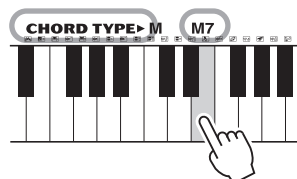


2 As an example, learn how to play a GM7 (G major seventh) chord.

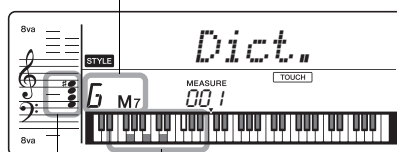
2-1. Press the “G” key in the section to the right of “ROOT ▶” so that the “G” is shown as the root note.



2-2. Press the key labeled “M7” in the section between “CHORD TYPE ▶” and “ROOT.” The notes you should play for the specified chord (root note and chord type) are conveniently shown in the display, both as notation and in the keyboard diagram.



Chord name (root and type)



Notation of chord
Individual notes of chord (keyboard)

To call up possible inversions of the chord, press the [+]/[-] buttons.

NOTE

- About major chords: Simple major chords are usually indicated only by the root note. For example, “C” refers to C major. However, when specifying major chords here, make sure to select “M” (major) after pressing the root note.
- These chords are not shown in the Chord Dictionary function: 6(9), M7(9), M7(#11), b5, M7b5, M7aug, m7(11), mM7(9), mM7b5, 7b5, sus2

3 Following the notation and keyboard diagram in the display, try playing a chord in the range to the left of “CHORD TYPE ▶.”

When you’ve played the chord properly, a bell sound signals your success and the chord name in the display flashes.

Playing Songs

You can simply enjoy listening to the internal Songs, or use them with just about any of the functions, such as Lesson.

● Song Category

The Songs are organized by category as listed below.

SONG

001 ~ TOP PICKS

004 ~ LEARN TO PLAY

020 ~ FAVORITE

051 ~ FAVORITE WITH STYLE

071 ~ INSTRUMENT MASTER

080 ~ PIANO REPERTOIRE

103 ~ CHORD STUDY

115 ~ CHORD PROGRESSION

155 ~ USER SONG

160 ~ FLASH MEMORY

- These demonstration songs showcase the various sounds of the instrument.
- Each of these songs has two variations: an easy one which even beginners can practice with ease, and another more challenging version.
- We've collected various folk songs from around the world which have been handed down from through the generations, as well as famous classical pieces. Try playing the melody of these songs with your right hand.
- Enjoy performing a piece with Style accompaniment (automatic accompaniment data). (Keys to Success is designed so that you master playing the melody with your right hand first, and then learn the roots of the chords with your left hand.)
- These songs feature solo instruments other than piano—letting you enjoy playing other instrumental voices along with orchestral accompaniment.
- These included famous pieces from around the world along with well-known piano pieces. Enjoy the beautiful, resonant piano sound as you play solo or along with orchestral backing.
- Hear and experience the sound of chords and easy chord progressions while playing the keyboard according to the LCD display indications.
- Learn how to play chords with Songs featuring simple, fundamental chord progressions.
- Songs (User Songs) you record yourself.
- Songs transferred from a computer (refer to "Computer-related Operations"—page 5).

Listening to a Demo Song

Press the [DEMO] button to play the Demo Songs in sequence.



When Song numbers 001 to 003 are played back in sequence and the last Song (003) is finished, playback will repeat continuously, starting again from the first Song (001).

To stop playback, press the [DEMO] button.

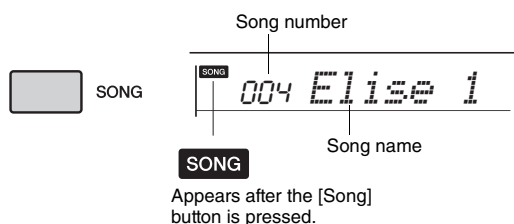
NOTE

- You can select a song by using the [+] button after pressing the [DEMO] button. The [-] button can be used to go back to the beginning of the selected Song.

Selecting and Playing Back a Song

- 1 Press the [SONG] button, then use the Number buttons to select the desired Song.

Refer to the Song List (page 64).



- 2 Press the [START/STOP] button to start playback.

To stop playback, press the [START/STOP] button again.



To change the tempo:

Refer to "Changing the Tempo" on page 24.

Adjusting the Song Volume

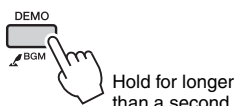
To adjust the volume balance between Song playback and keyboard, you can adjust the Song Volume. This can be set via Function number 002 (page 40).

BGM Playback

With the default setting, pressing the [DEMO] button will play back only three internal Demo Songs repeatedly. This setting can be changed so that, for example, all internal Songs automatically play back, letting you use the instrument as a background music source.

1 Hold down the [DEMO] button for longer than a second.

“DemoGrp” (Function 042; page 42) is shown in the display for a few seconds, followed by the current repeat playback target.



2 Use the [+] or [-] button to select a playback group.

Demo	Preset songs (001–003)
Preset	All preset songs (001–102)
User	All User songs (155–159)
Download	All songs transferred from a computer (160–)

NOTE

- When User songs and Download songs data do not exist, Demo songs are played back.

3 Press the [DEMO] button to start playback.

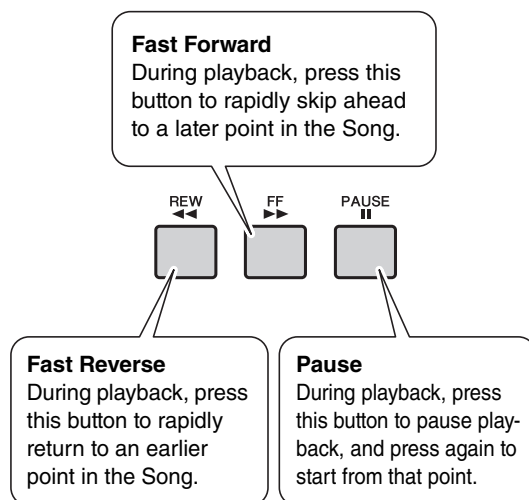
To stop playback, press the [DEMO] button again or press the [START/STOP] button.

Random Song Playback

When the Demo Group (above) is set to something other than “Demo,” the playback order via the [DEMO] button can be changed between numerical order and random order. To do this, press the [FUNCTION] button several times until “PlayMode” (Function 043; page 42) is called up, then select “Normal” or “Random.”

Song Fast Forward, Fast Reverse, and Pause

Like the transport controls on an audio player, this instrument lets you fast forward (FF), rewind (REW) and pause (PAUSE) playback of the Song.



NOTE

- When the A-B repeat is specified, the Fast Reverse and Fast Forward will only work within the range between A and B.
- [REW], [FF] and [PAUSE] button cannot be used during Song playback by using the [DEMO] button.

Changing the Melody Voice

You can change a Song’s melody Voice to any other desired Voice.

- 1 Select a Song.
- 2 Select the desired Voice.
- 3 Press and hold the [VOICE] button for longer than a second.

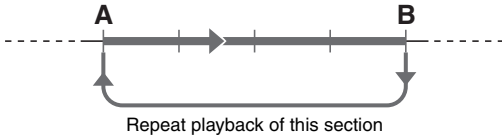
“SONG MELODY VOICE” appears in the display for a few seconds, and the selected Voice replaces the Song’s original melody Voice.

NOTE

- Selecting another Song will cancel the changed Melody Voice.
- You cannot change the melody Voice of a User Song.

A-B Repeat

You can play back only a specific section of a Song repeatedly by setting the A point (start point) and B point (end point) in one-measure increments.



- 1 Start playback of the Song (page 27).
- 2 When playback reaches to the point you want to specify as the start point, press the [A-B REPEAT] button to set the A point.



- 3 When playback reaches to the point you want to specify as the end point, press the [A-B REPEAT] button again to set the B point.

The specified A-B section of the song will now play repeatedly.

NOTE

- You can also set the A-B Repeat function when the Song is stopped. Simply use the [REW] and [FF] buttons to select the desired measures, pressing the [A-B REPEAT] button for each point, then start playback.
- If you want to set the start point "A" at the top of the Song, press the [A-B REPEAT] button before starting playback.

- 4 To cancel repeat playback, press the [A-B REPEAT] button.

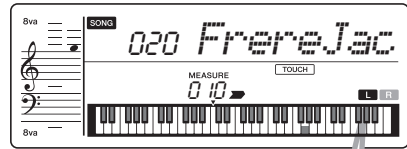
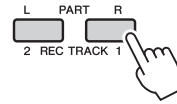
To stop playback, press the [START/STOP] button.

NOTE

- The A-B Repeat function will be canceled when you select another Song mode.

Turning Each Part On/Off

As indicated above the panel buttons (shown below), Songs other than Song numbers 115 to 154 consist of two Parts, which can be turned on or off individually by pressing the corresponding button, L or R.



Lit: Track contains data

Unlit: Track is muted or contains no data

By turning the left- and right-hand parts on or off during playback, you can listen to the Part (that is turned on), or practice the other part (that is turned off) on the keyboard.

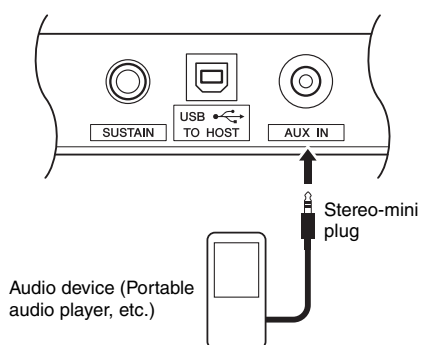
NOTE

- Selecting another Song will cancel the on/off status of the Parts.

Playing an External Audio Device with the Built-in Speakers

You can output the sound of an external audio device, such as a portable music player, with the built-in speakers of this instrument by connecting it via a cable. This lets you play the keyboard along with playback of your music player.

- 1 Turn off the power for both the external audio device and this instrument.
- 2 Connect the audio device to the instrument's [AUX IN] jack.
Use the cable which has the stereo-mini plug at one side for connecting to this instrument and the plug matching the output jack of the external audio device at the other side.



- 3 Turn on the external audio device, then this instrument.
- 4 Play back the connected external audio device.
The sound of the audio device is output through the speakers of this instrument.
- 5 Adjust the volume balance between the external audio device and this instrument.
If possible, adjust the playback level of the external audio device first, to achieve optimum balance.

NOTE

- You can adjust the level of the input from the external audio device by calling up "AuxInVol" via Function number 003 (page 40) and using the [0]–[9], [+], [-] buttons.

- 6 Play the keyboard along with the sound of the audio device.
- 7 After finishing the performance, stop playback of the audio device.

CAUTION

- Before connecting, turn off the power of both this instrument and the external audio device. Also, before turning the power on or off, make sure to set all volume levels to minimum (0). Otherwise, damage to the devices, electrical shock, or even permanent hearing loss may occur.

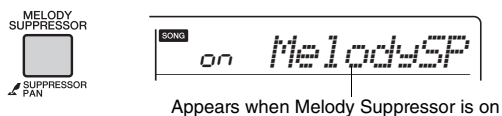
NOTICE

- After connecting, first turn on the power to the external audio device then to this instrument. Reverse this order when you turn the power off.

Lowering the volume of a melody part (Melody Suppressor function)

When the sound of an external audio device is output through this instrument, you can cancel or lower the volume of the melody part of stereo playback. You can use the function to cancel the melody part then practice it via the keyboard.

- 1 Play back the connected external audio device.
- 2 Press the [MELODY SUPPRESSOR] button to turn it on.

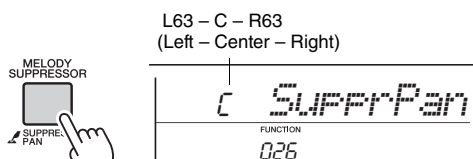


NOTE

- If an external audio device is not properly connected to the instrument's [AUX IN] jack, the Melody Suppressor function cannot be turned on or shown in the display, even if you press the [MELODY SUPPRESSOR] button.

When the melody or vocal sound may not be canceled (or lowered) as expected

- 1 Hold down the [MELODY SUPPRESSOR] button for longer than a second to call up "SupprPan" (Function 026; page 41) while the Melody Suppressor function is turned on.



- 2 Adjust the pan position of the sound to be canceled (lowered) by using the [+], [-] buttons.

NOTE

- Depending on the particular music content, the melody or vocal sound may not be canceled as expected even if the Melody Suppressor is turned on.

- 3 Press the [MELODY SUPPRESSOR] button again to turn it off.

Using the Song Lesson Feature

You can practice the preset Songs using these lesson functions: “Keys to Success,” “Listening, Timing, Waiting” and “Phrase Repeat.” Keys to Success helps you master a Song, whereas Listening, Timing, Waiting helps you first master the timing and then in playing the correct notes. Phrase Repeat lets you select and repeatedly practice a specific phrase in the Song. If you’re using a keyboard instrument for the first time, we suggest you start with Keys to Success. You can refer to the music score in the Song Book (free downloadable scores). To obtain the Song Book, complete the user registration at the following website:

<https://member.yamaha.com/myproduct/regist/>

Downloading the Song Book

To use the Song Lesson, you need the music score in the Song Book (free downloadable scores). To obtain the Song Book, complete the user registration at the following website:

<https://member.yamaha.com/myproduct/regist/>

Keys To Success

In this lesson, you can practice individual phrases in the Song (with each Step) to effectively master the entire Song.

1 Prepare the Song Book.

Download the Song Book from the above website, or you can refer to the scores of some Songs at the end of this manual.

The amount of Steps and lesson parts (which are pre-programmed) will differ depending on the Song. For details, refer to the Song Book.

NOTE

- All preset Songs 004 to 102 other than 001–003 and 103–154 can be used with this mode, especially the “LEARN TO PLAY” category Songs.

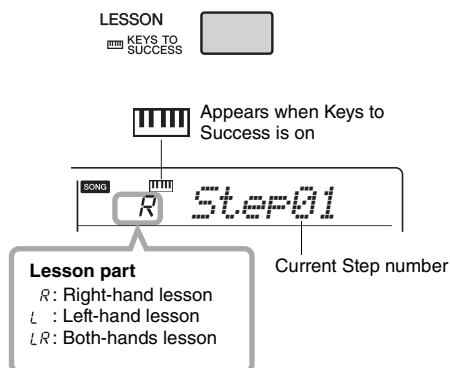
2 Press the [SONG] button, then select a Song for your lesson.

Here, select song “Für Elise (Basic)” from the “LEARN TO PLAY” category, then open the corresponding page of the Song Book.



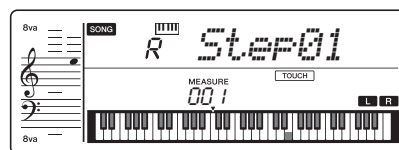
3 Press the [KEYS TO SUCCESS] button to engage this lesson.

The keyboard icon, “Step 01” and lesson part (“R” or “L” or “LR”) appears on the display, indicating that you are to start this lesson from scratch. If you have already passed several Steps, the next Step number appears on the display.



4 Press the [START/STOP] button to start Lesson.

After the lead-in, playback of the current Step starts.



NOTE

- For your practice enjoyment, a special arrangement is applied to each Song. This is why playback tempo may be slower than original.

5 Practice the phrase in the current Step.

Referring to the notation in the Song Book and the notes shown on the display, press the notes.

6 Confirm the evaluation in the current Step.

When the current Step reaches the end, your performance will be evaluated and your score (from 0–100) is shown in the display.



A score between “0”–“59” indicates that you did not pass this Step and you should try the same Step again, which begins automatically. A score of “60”–“100” indicates that you passed this Step and you should try the next Step, which begins automatically.

NOTE

- If the specified part is both hands, you cannot pass the Step until you play both hands, even if you play one of the hands well. Only a message such as “L-part is Nice” appears in the display.

7 Execute Step 02, 03, 04, and so on.

In the last Step of each Song, you will practice all the way through the Song. When you pass all Steps, the Keys to Success mode will automatically be turned off and playback stops.

NOTE

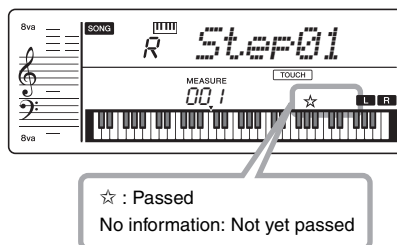
- Even during lesson, you can select another Step by using the [+]/[-] buttons.

8 To stop this Lesson, press the [KEYS TO SUCCESS] button.

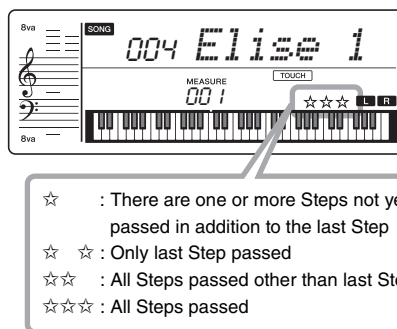
Confirming the Passing Status

You can confirm the passing status of each Song simply by selecting a Song and each Step.

●When Step is selected



●When Song is selected



Clearing the Passing Status

You can clear existing passing status entries for the entire Song or a specific Step of the Song.

●To clear the passing status entries of all Steps:

Select the desired Song then hold down the [KEYS TO SUCCESS] button for longer than three seconds, with the Keys to Success mode disabled. A “Cleared” message will appear on the display.

●To clear the passing status entry for a specific Step:

Select the desired Song, enable Keys to Success, select the desired Step, then hold down the [KEYS TO SUCCESS] button for longer than three seconds. A “Cleared” message will appear on the display.

NOTE

- This operation cannot be executed during playback.

Listening, Timing and Waiting

●Lesson 1—Listening

In this Lesson, you need not play the keyboard. The model melody/chords of the part you selected will sound. Listen to it carefully and remember it well.

●Lesson 2—Timing

In this Lesson, simply concentrate on playing the notes with the correct timing. Even if you play wrong notes, the correct notes shown in the display will sound.

●Lesson 3—Waiting

In this Lesson, try playing the correct notes shown on the display. The Song pauses until you play the right note, and playback tempo will change to match the speed at which you are playing at.

NOTE

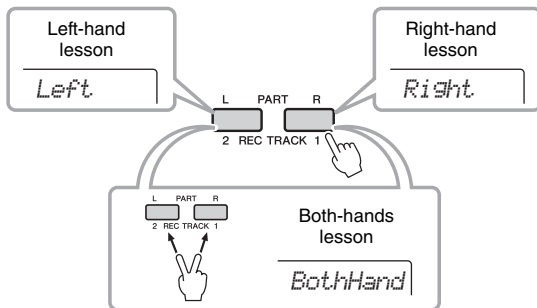
- If you want to keep a steady playback tempo maintained during Lesson 3: Waiting, set the Your Tempo parameter to OFF via the Function number 041 (page 42).

1 Press the [SONG] button then select a Song for your lesson.

NOTE

- The Song Lesson can be applied also to the Songs (SMF format 0 only) transferred from a computer (page 43), but cannot be applied to the User Songs.

2 Press either or both the [R] and [L] buttons to select the part you want to practice.



NOTE

- In this step, “No LPart” may appear, indicating that the current Song does not contain a left-hand part.

3 Press the [1 LISTENING 2 TIMING 3 WAITING] button to start playback of the Song Lesson.

Pressing this button repeatedly will change the Lesson number from 1: LISTENING → 2: TIMING → 3: WAITING → off → 1.... Press this button until the desired number is shown on the display.



NOTE

- During playback, you can change the Lesson mode by pressing this button, and you can stop the Lesson at any time by pressing the [START/STOP] button.
- The Main Voice changes to “000” (One Touch Setting; page 16) during the Lesson.

4 When Lesson playback reaches to the end, check your evaluation Grade on the display.

“2 Timing” and “3 Waiting” will evaluate your performance in four levels.



After the evaluation display has appeared, the lesson will start again from the beginning.

NOTE

- When the melody Voice of the Song is changed, the key position shown in the display may be shifted (in octave units), depending on the selected Voice.

NOTE

- The Dual or Split mode cannot be engaged during lessons.

5 Stop the Lesson mode.

You can stop the Lesson mode at any time by pressing the [START/STOP] button.

NOTE

- Songs 115 to 154 are not compatible with the Listening, Timing and Waiting Lessons.

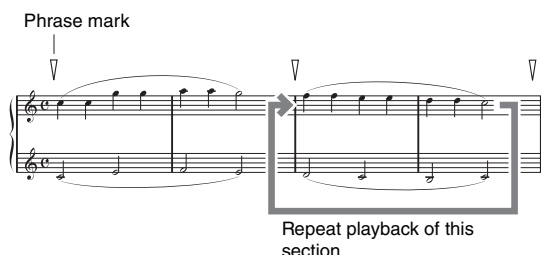
Keys to Success with Listening, Timing or Waiting

You can combine the Keys to Success lesson (page 31) with the Listening, Timing or Waiting lesson (page 33).

- 1 **Enable the Keys to Success lesson.**
Refer to Steps 1–3 on page 31.
- 2 **Select the desired Step via the [+]/[-] buttons, then press the [1 LISTENING 2 TIMING 3 WAITING] button repeatedly to select the desired lesson.**
The selected lesson playback starts under the Keys to Success mode. Practice the phrase of the current Step via the selected Lesson. As evaluation for each Step, just “Timing is Nice” or “Play key is Nice” appears, and the passing status is not available.
- 3 **To return to only the Keys to Success mode, press the [1 LISTENING 2 TIMING 3 WAITING] button repeatedly to select “off.”**
- 4 **To exit from the Lesson mode, press the [KEYS TO SUCCESS] button.**

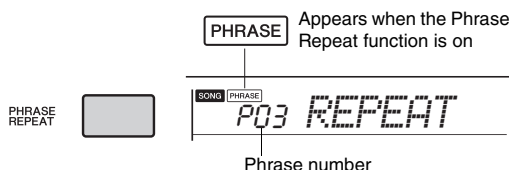
Phrase Repeat

You can practice a difficult phrase repeatedly by selecting a specific number of the Phrase Marks pre-programmed in the Preset Songs (excepting the Song numbers 001–003, 103–154). You can confirm the Phrase Mark location in the Song Book (page 5).



Practicing only a single Phrase

During Song playback, press the [PHRASE REPEAT] button at the phrase you want to practice. The corresponding Phrase number will appear in the display and, after a lead-in, repeat playback will start. Turn off the L or R part (page 29), then practice the phrase which is turned off repeatedly until you are satisfied.



Even during repeat playback, you can select any other phrase number via the [+]/[-] button, and you can return to normal playback by pressing the [PHRASE REPEAT] button again.

Using Phrase Repeat with Listening, Timing or Waiting

With Phrase Repeat set to On, press the [1 LISTENING 2 TIMING 3 WAITING] button once, twice or three times to start and use Lesson playback with Phrase Repeat. Pressing the same button again several times to exit from the Lesson mode stops playback and allows use of just the Phrase Repeat mode.

NOTE

- In this status, the evaluation function is not available.

Practicing two or more Phrases

By setting Phrase A (as the start point) and Phrase B (as the end point), you can practice two or more Phrases repeatedly. During Phrase Repeat playback, press the [A-B REPEAT] button to assign the current Phrase to Phrase A. When playback reaches to the desired Phrase, press the [A-B REPEAT] button again to assign Phrase B. “A-B Rep” appears on the display, and Repeat playback between Phrases A and B starts. To cancel this setting, press the [A-B REPEAT] button again.

NOTE

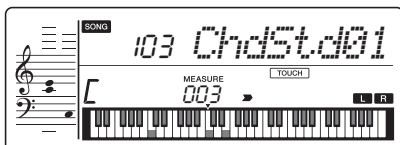
- You can set Phrases A and B also when playback is stopped by selecting the Phrase number via the [+]/[-] buttons.
- Specifying only Point A results in repeat playback between Point A and the end of the Song.

Hearing and Experiencing the Sound of the Chords (Chord Study)

You can hear and experience the sound of the chords used in a typical performance by playing back Song numbers 103 to 114 (in the “Chord Study” category). Song numbers 103 to 109 are very simple songs consisting of a single chord (C, Dm, Em, F, G, Am, Bm; respectively) played in various positions, letting you listen to and master the chords one by one. On the other hand, Song numbers 110 to 114 consist of several chords strung together in a pattern, for experiencing and understanding basic chord progressions. Hear and experience the sound of simple chords and progressions by playing back these Songs, and play the keyboard while following along with the music notation and key/chord indications shown in the display.

Hear and experience a sound of a single chord

- 1 Select a Song from Song numbers 103 to 109 in the “CHORD STUDY” category by executing Step 1 in “Selecting and Playing Back a Song” on page 27
- 2 Press the [START/STOP] button to play back the selected Song.
- 3 Play the keyboard while looking at the notes shown on the display.



NOTICE

- When playing the keyboard while playing back a Song, you should turn off any parts you don't intend to have played back (page 29), to avoid exceeding the maximum number of simultaneous notes.

NOTE

- You can use the waiting function (page 33) by pressing the [1 LISTENING 2 TIMING 3 WAITING] button.

Hear and experience basic chord progressions

- 1 Select a Song from Song numbers 110 to 114 by pressing the [+]/[-] buttons.
- 2 Press the [START/STOP] button to play back the selected Song.
- 3 Play the keyboard while looking at the notes shown on the display.
Listen to the basic chord progression, and play along with the Song repeatedly until you can smoothly perform and play along with the chord changes.

NOTE

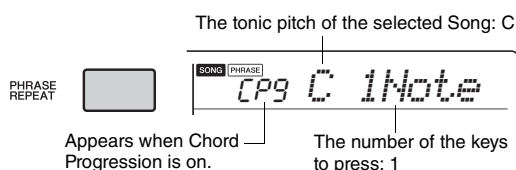
- You can use the waiting function (page 33) by pressing the [1 LISTENING 2 TIMING 3 WAITING] button.

Playing Chords Along With Chord Progressions of a Song

Song numbers 115 to 154 in the “Chord Progression” category are constructed from typical chord progressions. You can listen to and get a feel for the chord progressions by playing back the Song and playing the keyboard while looking at the notes shown on the display. The number of keys that are indicated for you to play progress in sequence—from a single root note, to two notes, then three and four—getting you to gradually and naturally memorize the chords. Also, you can change the key of the Song, allowing you to practice the progressions in all keys for full mastery of the chords.

1 Select a Song from Song numbers 115 to 154 in the “Chord Progression” category by executing Step 1 in “Selecting and Playing Back a Song” on page 27.

2 Press the [PHRASE REPEAT] button. After “CHORD PROGRESSION” scrolls across the display, the tonic pitch of the selected Song and the number of the keys to be pressed are shown.



NOTE

- The initial key setting is C major or A minor.

3 Press the [+]/[-] buttons to select the number of the keys to be played.

Each time the [+] button is pressed, the number of the keys to press is increased from just one root note (1Note) to two notes (2Notes), three notes (3Notes) and four notes (All).

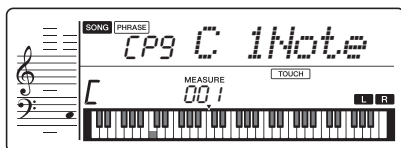


NOTE

- The number of the keys to press can also be set by using the number buttons [1]–[4].

4 Press the [START/STOP] button to play back the selected Song.

5 Play the keyboard looking at the notes shown on the display.



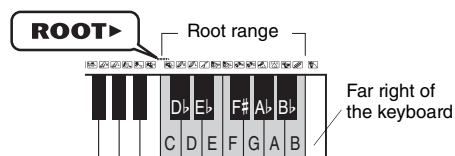
NOTE

- When you play the keyboard within the range of C5–B5, the notes will not sound.

6 Press the [PHRASE REPEAT] button again to turn the Chord Progression function off.

To change the key of a Song:

When Chord Progression is on, press one of the keys in the top octave (C5–B5; indicated to the right of “ROOT” on the panel, just above the keys) to change the tonic pitch of the Song.



For example, if you press the key D5 in the Song of C major, the key changes to D major.

NOTE

- The key of a Song cannot be changed during playback.

The number of the keys to be played

● **Only one root note (1Note)**

Press only the root note of the chord.

● **Two notes (2Notes)**

Press the 3rd interval of a chord along with the root note, and understand the difference between major chords and minor chords.

● **Three notes (3Notes)**

Press the 5th interval of a chord along with the root note and the 3rd.

● **Four notes (All)**

Press all the notes that make up the chord. Very often, chords are played with just three notes; however, another interval (such as a 7th) is sometimes added. Keep in mind that depending on the chord, there may be no 4th note.

Play the chords in combination with “Waiting” of the Lesson function

You can practice the playing the chords in combination with “Waiting” (page 33) of the Lesson function by simply pressing the [1 LISTENING 2 TIMING 3 WAITING] button once.

NOTE

- Even if you play notes in octaves outside of the notes shown on the display (excluding the range of C5–B5, which are used to change the key of a Song), as well as different inversions of the chords, the playback will progress.

Recording Your Performance

You can record up to 5 of your performances as User Songs (User 1–5: Song numbers 155–159). The recorded User Songs can be played back on the instrument.

Track Structure of a Song

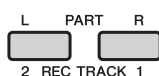
You can record your performance to the following two tracks of a User Song individually or simultaneously.

●Track 1:

Your melody performance is recorded to this track.

●Track 2:

Your melody performance, or Style playback (Chord changes and Section changes), is recorded to this track.



●Recording Data Capacity:

A total of approximately 10,000 notes or 5,500 chord changes can be recorded to the five User Songs.

Quick Recording

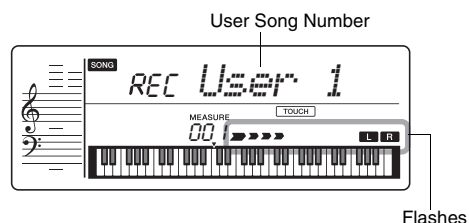
The operation is convenient for recording a new Song without having to specify a track.

1 Make the desired settings such as Voice and Style settings.

If you want to record only the melody performance, turn ACMP off (page 22). If you want to record Style playback as well as melody performance, turn ACMP on (page 22).

2 Press the [REC] button to enable the Record mode.

On the display, the lowest-numbered unrecorded User Song (“User 1”–“User 5”) appears. If you want to select another Song, use the [+] and [-] buttons.



To exit from the Record mode, press the [REC] button again to stop flashing on the display.

NOTICE

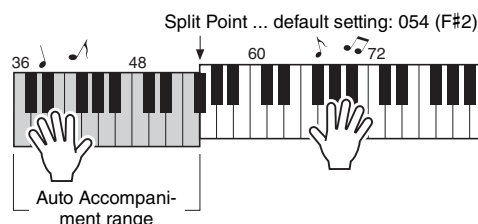
- If all User Songs contain recorded data, “User 1 (Song Number 155)” will automatically be selected. In this case, since you will record over and erase any previous data in “User 1,” we recommend that you save your important data to a computer (see page 43).

NOTE

- ACMP cannot be turned on or off in this status while you can select another Style in this status by using the [STYLE] and Number buttons.

3 Play the keyboard to start recording.

If ACMP is turned on, you can independently record just the rhythm sound of Style playback by pressing the [START/STOP] button then changing the Section (page 24).



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

When using a Style, you can stop recording also by pressing the [INTRO/ENDING/rit.] button then waiting until playback ends.

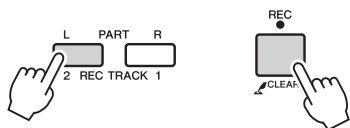
NOTICE

- After Recording stops, a “Writing!” message is shown on the display for a while. Never attempt to turn the power off while this is shown in the display. Doing so can damage the internal memory and result in a loss of data.

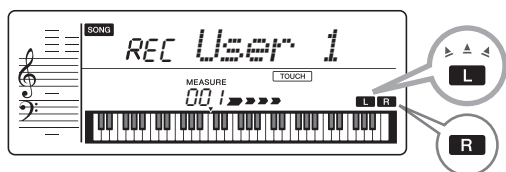
5 To play back the recorded Song, press the [START/STOP] button.

Recording to a Specified Track

- 1 **Make the desired settings, such as those of Voice or Style.**
If you want to record the melody performance, turn ACMP off (page 22). If you want to record Style playback, turn ACMP on (page 22).
- 2 **While holding down the [REC] button, press the desired Track button 1 or 2 to engage the Record mode.**
If you want to record Style playback, make sure to select the Track 2. If you want to record melody performance, select either Track 1 or Track 2 as desired. The illustration below is the example when selecting Track 2.



- 3 **Press the [+], [-] buttons to select the User Song you want to record.**



If Track 2 is selected as Recording target for example and Track 1 contains already recorded data, L flashes and R lights in the display. Turning on or off R via the [TRACK 1] button will determine whether you listen to a previously recorded Track or not while recording a new Track.

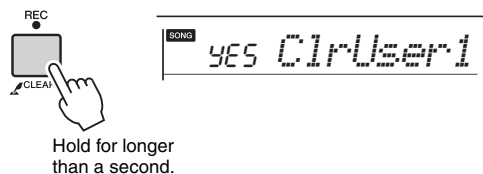
- 4 **Same as in Steps 3 to 5 (page 37) in “Quick Recording.”**

Limitations while Recording

- You cannot record the Reverb Level, metronome click, or the Transpose and Tuning settings.
- The following settings and buttons are not available, or if operated, the new settings cannot be recorded: ACMP ON/OFF, Split Point, Reverb Type, Chorus Type, Harmony/Arpeggio Type, [FUNCTION] button, [PORTABLE GRAND] button.

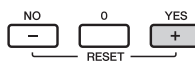
Clearing a User Song

- 1 **Press the [SONG] button then select the desired User Song by using the Number buttons.**
- 2 **Press and hold the [REC] button for longer than a second.**
A confirmation message appears.



To cancel the operation, press the [-/NO] button.

- 3 **Press the [+ /YES] button.**
A confirmation message appears again.



To cancel the operation, press the [-/NO] button.

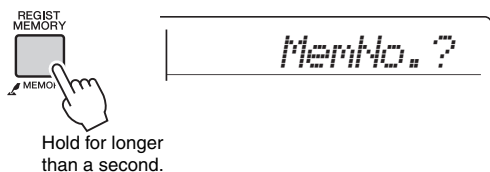
- 4 **Press the [+ /YES] button to clear the Song.**
A “Writing!” message appears while the track is being cleared.

Memorizing Your Favorite Panel Settings

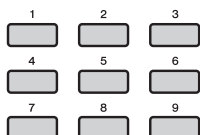
This instrument has a Registration Memory feature that lets you memorize your favorite settings for easy recall whenever they're needed. Up to nine complete setups can be memorized and assigned to each number button 1–9.

Memorizing Panel Settings to the Registration Memory

- 1 Make the desired settings such as those for Voice and Style.
- 2 Press and hold down the [REGIST MEMORY] button for longer than a second. "MemNo.?" appears on the display.



- 3 Press one of the [1]–[9] buttons to memorize the current panel settings. If you select a Registration Memory number that already contains data, an "Overwr?" message appears in the display. To overwrite, press the [+ / YES] button; to cancel, press [- / NO].

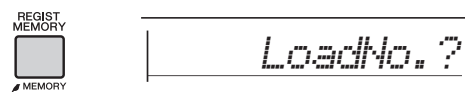


NOTICE

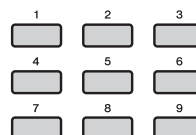
- If you select a Registration Memory number that already contains data, the previous data is deleted and overwritten by the new data.
- Do not turn off the power while memorizing settings to the Registration Memory, otherwise the data may be damaged or lost.

Recalling Panel Settings from the Registration Memory

- 1 Press the [REGIST MEMORY] button. "LoadNo.?" appears on the display.



- 2 Press one of the [1]–[9] buttons to call up the panel settings you memorized. The recalled REGIST MEMORY number appears in the display.



The REGIST MEMORY number can be changed by pressing one of the other [1]–[9] buttons.

Parameters that can be memorized to Registration Memory

● Style settings*

Style number, ACMP on/off, Split Point, Style volume, Tempo, Main A/B

● Voice settings

Main Voice settings: Voice number and all settings of the related Functions

Dual Voice settings: Dual on/off and all settings of the related Functions

Split Voice settings: Split on/off and all settings of the related Functions

● Effect settings: Reverb Type, Reverb level, Chorus Type

● Harmony/Arpeggio settings: Harmony/Arpeggio on/off and all settings of the related Functions

● Other settings: Panel Sustain on/off, Transpose, Voice output

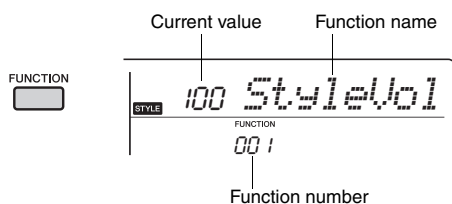
* When a Song is selected, the Style settings cannot be recorded or called up. Also, in the Duo mode, only Style settings can be recorded or called up.

The Functions

The Functions settings provide access to a range of detailed instrument parameters such as Tuning, Split Point, Voices and Effects.

1 Press the [FUNCTION] button several times until the desired item appears.

Each time the [FUNCTION] button is pressed, the Function number increases one by one. To decrease the Function number by one, simultaneously hold down the [FUNCTION] button and press the [-] button briefly. To increase the Function number by one, simultaneously hold down the [FUNCTION] button and press the [+] button briefly. Simply pressing only the [+] or [-] button does not change the Function number.

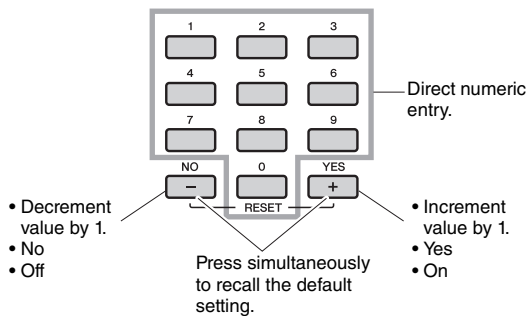


After a few seconds, the Function name may be replaced with the setting value depending on the selected Function.

NOTE

- The Function number does not appear in the display during Song, Style or metronome playback. The beat value appears instead.

2 Set the value by using the number buttons [0]–[9], [+], [-].



NOTE

- To exit the Function settings, press one of these buttons; [SONG], [VOICE] or [STYLE].

Function List

Function Number	Function name	Display	Range/Settings	Default Value	Descriptions
Volume					
001	Style Volume	<i>StyleVol</i>	000–127	100	Determines the volume of the Style. (page 22)
002	Song Volume	<i>SongVol</i>	000–127	100	Determines the volume of the Song. (page 27)
003	AUX IN Volume	<i>AuxInVol</i>	000–127	100	Determines the volume of the external audio device connected to the instrument's [AUX IN] jack. (page 30)
Overall					
004	Transpose	<i>TransPos</i>	-12–12	0	Determines the pitch of the instrument in semitone increments.
005	Tuning	<i>Tuning</i>	427.0Hz–453.0Hz	440.0Hz	Determines the fine tuning of the pitch of the entire instrument in approx. 0.2Hz increments.
006	Split Point	<i>SplitPnt</i>	036–096 (C1–C6)	54 (F#2)	Determines the highest key for the Split Voice and sets the Split "point"—in other words, the key that separates the Split (lower) and Main (upper) Voices. The Split Point setting and Accompaniment Split Point setting are automatically set to the same value.
007	Touch Response	<i>TouchRes</i>	1 (Soft), 2 (Medium), 3 (Hard), 4 (Fixed)	2 (Medium)	Higher values produce greater (easier) volume variation in response to keyboard dynamics. When 4 (Fixed) is selected, Touch Response is off and the volume level does not change at all regardless of whether you play the keyboard soft or hard.
Style file					
008	Style Register	<i>StyleReg</i>	001–nnn	–	Select and register a Style file from flash files that are loaded from computer (page 23).

Function Number	Function name	Display	Range/Settings	Default Value	Descriptions
Main Voice (page 16)					
009	Volume	<i>M. Volume</i>	000–127	*	Adjusts the volume of keyboard performance when performing along with a Song or a Style.
010	Octave	<i>M. Octave</i>	-2 – +2	*	Determines the octave range for the Main Voice.
011	Chorus Depth	<i>M. Chorus</i>	000–127	*	Determines how much of the Main Voice's signal is sent to the Chorus effect.
Dual Voice (page 17)					
012	Dual Voice	<i>D. Voice</i>	001–573	*	Selects a Dual Voice.
013	Volume	<i>D. Volume</i>	000–127	*	Determines the volume of the Dual Voice.
014	Octave	<i>D. Octave</i>	-2 – +2	*	Determines the octave range for the Dual Voice.
015	Chorus Depth	<i>D. Chorus</i>	000–127	*	Determines how much of the Dual Voice's signal is sent to the Chorus effect.
Split Voice (page 17)					
016	Split Voice	<i>S. Voice</i>	001–573	*	Selects a Split Voice.
017	Volume	<i>S. Volume</i>	000–127	*	Determines the volume of the Split Voice.
018	Octave	<i>S. Octave</i>	-2 – +2	*	Determines the octave range for the Split Voice.
019	Chorus Depth	<i>S. Chorus</i>	000–127	*	Determines how much of the Split Voice's signal is sent to the Chorus effect.
Effects					
020	Reverb Type	<i>Reverb</i>	1–3 (Hall 1–3) 4–5 (Room 1–2) 6–7 (Stage 1–2) 8–9 (Plate 1–2) 10 (Off)	**	Determines the Reverb type, including off (10). (page 68)
021	Reverb Level	<i>RevLevel</i>	000–127	64	Determines how much of the Voice's signal is sent to the Reverb effect.
022	Chorus Type	<i>Chorus</i>	1 (Chorus1) 2 (Chorus2) 3 (Chorus3) 4 (Flanger1) 5 (Flanger2) 6 (off)	**	Determines the Chorus type, including off (6). (page 68)
023	Panel Sustain	<i>Sustain</i>	ON/OFF	OFF	Determines whether the Panel Sustain function is on or off.
024	Master EQ Type	<i>MasterEQ</i>	1 (Speaker) 2 (Headphone) 3 (Boost) 4 (Piano) 5 (Bright) 6 (Mild)	1 (Speaker)	Sets the equalizer applied to the speaker output for optimum sound in different listening situations. (page 14)
025	Wide Type	<i>Wide</i>	1 (Wide1) 2 (Wide2) 3 (Wide3)	2 (Wide2)	Determines the Ultra-Wide Stereo type. Higher values produce a greater Wide effect. (page 18)
026	Suppressor Pan	<i>SupprPan</i>	L63 – C – R63	C	Adjusts the position of the playback sound of the external audio device to be canceled or lowered (page 30).
027	Voice Output	<i>VoiceOut</i>	1 (Normal) 2 (Separate)	2 (Separate)	When a Split Voice (page 17) is turned on or Duo mode (page 21) is on, this function is effective. If "Normal" is selected, the performance sounds of the left Voice and the right Voice will sound from both the left and right speakers. If "Separate" is selected, the performance sound of the left Voice will sound from the left speaker, and the performance sound of the right Voice will sound from the right speaker.
Harmony (page 19)					
028	Harmony/Arpeggio Type	<i>Harm/Arp</i>	001–026 (Harmony) 027–176 (Arpeggio)	*	Determines whether the Harmony type or Arpeggio type is selected.
029	Harmony Volume	<i>HarmVol</i>	000–127	*	Determines the volume of the Harmony effect when one of the Harmony types 1–5 is selected.
Arpeggio (page 19)					
030	Arpeggio Velocity	<i>Arp Velo</i>	1 (Original) 2 (Thru)	**	If "Thru" is selected, arpeggios will be played back at a volume matching the strength at which you play the keyboard. If "Original" is selected, arpeggios will be played back at their original volume regardless of your playing strength.
031	Pedal Function	<i>Pdl Func</i>	1 (Sustain) 2 (Arp Hold) 3 (Hold+Sus)	*	Refer to the page 20.
Computer (page 42)					
032	PC mode	<i>PC mode</i>	PC1/PC2/OFF	OFF	Optimizes the MIDI settings when you connect to a computer (page 42).

The Functions

Function Number	Function name	Display	Range/Settings	Default Value	Descriptions
MIDI					
033	Local Control	<i>Local</i>	ON/OFF	ON	Determines whether the instrument's keyboard controls the internal tone generator (ON) or not (OFF). When you record your keyboard performance to the application software on the computer via MIDI, set this parameter to OFF.
034	External Clock	<i>ExtClock</i>	ON/OFF	OFF	Determines whether the instrument synchronizes to the internal clock (OFF) or an external clock (ON). When you record your keyboard performance to the application software on the computer via MIDI, set this parameter to ON.
035	Initial Send	<i>InitSend</i>	YES/NO	–	Lets you send the data of the panel settings to a computer. Press [+ / YES] to send, or press [- / NO] to cancel. This operation should be done immediately after starting the Recording operation on the computer.
Metronome (page 16)					
036	Time Signature Numerator	<i>TimeSigh</i>	00–60	**	Determines the time signature of the Metronome.
037	Time Signature Denominator	<i>TimeSigD</i>	Half note, Quarter note, Eighth note, Sixteenth note	**	Determines the length of each metronome beat.
038	Metronome Volume	<i>MetroVol</i>	000–127	100	Determines the volume of the Metronome.
Lesson (page 31)					
039	Lesson Track (R)	<i>R-Part</i>	GuideTrack1–16, OFF	01	Determines the guide track number for your right hand lesson. The setting is only effective for Songs in SMF format 0 transferred from a computer.
040	Lesson Track (L)	<i>L-Part</i>	GuideTrack1–16, OFF	02	Determines the guide track number for your left hand lesson. The setting is only effective for Songs in SMF format 0 transferred from a computer.
041	Your Tempo	<i>YourTemp</i>	ON/OFF	ON	This parameter is for the Lesson 3 "Waiting." When set to ON, playback tempo will change for matching the speed you are playing at. When set to OFF, playback tempo will be maintained regardless of the speed you are playing at.
Demo (page 27)					
042	Demo Group	<i>DemoGrp</i>	1 (Demo) 2 (Preset) 3 (User) 4 (Download)	1 (Demo)	Determines the repeat playback group.
043	Demo Play Mode	<i>PlayMode</i>	1 (Normal) 2 (Random)	1 (Normal)	Determines the repeat playback mode.
044	Demo Cancel	<i>D-Cancel</i>	ON/OFF	OFF	Determines whether Demo cancel is enabled or not. When this is set to ON, the Demo Song will not play, even if the [DEMO] button is pressed.
Auto Power Off (page 14)					
045	Auto Power Off Time	<i>AutoOff</i>	OFF, 5/10/15/30/60/120 (minutes)	30 minutes	Specifies the time that will elapse before the instrument's power is automatically turned off.
Battery (page 13)					
046	Battery Type	<i>Battery</i>	1 (Alkaline) 2 (Ni-MH)	1 (Alkaline)	Selects the type of batteries you have installed to this instrument. Alkaline: Alkaline battery/manganese battery Ni-MH: Rechargeable battery

* The appropriate value is automatically set for each Voice combination.

** The appropriate value is automatically set for each Song, Style or Arpeggio.

● PC Mode (FUNCTION 032)

The PC settings instantly reconfigure all important MIDI settings (as shown below).

	PC1	PC2*	OFF
LOCAL	Off	Off	On
EXTERNAL CLOCK	On	Off	Off
MIDI TRANSMIT OF SONG **	No	No	Yes
MIDI TRANSMIT OF STYLE **	No	No	Yes
MIDI TRANSMIT OF KEYBOARD **	No	Yes	Yes

* An expanded version of the PC2 setting is for future use.

** Cannot be set independently.

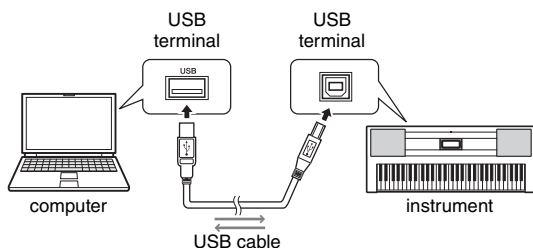
NOTE

- MIDI Transmit of Song can be used with User Songs.

Using with a Computer or iPhone/iPad

Connecting to a computer

This instrument supports MIDI (Musical Instrument Digital Interface) and can transmit/receive keyboard performance information (MIDI messages) or Song/Style data (MIDI files) to/from the computer connected via a USB cable. For details on using a computer with this instrument, refer to the “Computer-related Operations” (page 5) on the website.



NOTE

- If you transfer the Style file from the computer to this instrument, you need to register it to this instrument for Style playback. For details, refer to the “Registering a Style File” on page 23.

Data that can be transferred from a computer to this instrument (and vice versa).

- Song: (.mid) SMF format 0/1
 - Style: (.sty)
 - Backup File: PSR-E353.BUP *
- * Backup parameters (as described below) other than “Passing status of Song and Step” can be transferred and saved to a computer via Musicsoft Downloader as a single Backup file.

NOTE

- This instrument can transfer/load up to a maximum of 256 Song files.

Connecting an iPhone/iPad

By connecting your iPhone/iPad to the instrument, you can take advantage of various functions. To make connections, prepare the i-UX1 (sold separately), then refer to the “iPhone/iPad Connection Manual” (page 5) on the website.

Backup and Initialization

Backup Parameters

The following Backup parameters will be maintained even if the power is turned off.

Backup parameters

- User Songs (page 37)
- Style Number 159 (page 23)
- Registration Memory (page 39)
- Passing status of Song and Step (page 32)
- FUNCTION Settings: (page 40)
 - Tuning, Split Point, Touch Response, Style Volume, Song Volume, Metronome Volume, Your Tempo, Demo Group, Demo Play Mode, Demo Cancel, Master EQ type, Panel Sustain, Auto Power Off, Battery Type

In addition to the Backup parameters above, all the data (including Style data that have not been loaded) transferred from the connected computer will be maintained even if you turn off the power.

Initialization

You can initialize your original data via the following two methods.

Backup Clear

This operation initializes the backup parameters. While holding down the highest white key, press the [⏻] (Standby/On) switch to turn the power on.



Flash Clear

This operation deletes all the Songs and Styles that have been transferred from a computer. Note that Style data registered to Style numbers 159 will be maintained. While simultaneously holding the highest white key and the three highest black keys, press the [⏻] (Standby/On) switch to turn the power on.



NOTICE

- Keep in mind that this operation also deletes the data you have purchased. Be sure to save the important data to a computer via Musicsoft Downloader (MSD) software. For details, refer to “Computer-related Operations” (page 5).

Troubleshooting

Problem	Possible Cause and Solution
When the instrument is turned on or off, a popping sound is temporarily produced.	This is normal and indicates that the instrument is receiving electrical power.
When using a mobile phone, noise is produced.	Using a mobile phone in close proximity to the instrument may produce interference. To prevent this, turn off the mobile phone or use it further away from the instrument.
Noise is heard from the instrument's speakers or headphones when using the instrument with the application on iPhone/iPad/iPod touch.	When you use the instrument along with the application on your iPhone/iPad/iPod touch, we recommend that you set "Airplane Mode" to "ON" on your iPhone/iPad/iPod touch in order to avoid noise caused by communication.
There is no sound even when the keyboard is played or when a song or style is being played back.	Check that nothing is connected to the [PHONES/OUTPUT] jack on the rear panel. When a set of headphones is plugged into this jack, no sound is output. Check the Local Control on/off setting. (See page 42 Function 033.)
Playing keys in the right hand area of the keyboard does not produce any sound.	When using the Dictionary function (page 26), the keys in the right hand area are used only for entering the chord root and type.
Not all of the voices seem to sound, or the sound seems to be cut off.	The instrument is polyphonic up to a maximum of 32 notes—including Dual voice, Split Voice, auto accompaniment, song, and Metronome. Notes exceeding this limit will not sound.
The harmony doesn't sound.	The method of sounding the harmony effect (01–26) differs depending on the selected type. For Types 01–05, turn the Auto Accompaniment on and play it by pressing a chord in the auto accompaniment section of the keyboard, then play some keys in the right-hand side to get the harmony effect. For Types 06–26, turning auto accompaniment on or off has no effect. However, it is necessary to play two notes simultaneously for Types 06–12.
The Style or Song does not play back when the [START/STOP] button is pressed.	Is External Clock set to ON? Make sure External Clock is set to OFF; refer to "Function Settings" on page 42 (Function 034).
The ACMP ON indicator does not appear when the [ACMP ON/OFF] button is pressed.	<ul style="list-style-type: none"> Always press the [STYLE] button first when you are going to use any Style-related function. The ACMP ON indicator does not appear when the Duo mode is on.
The Style does not sound properly.	Make sure that the Style Volume (page 40 Function 001) is set to an appropriate level. Is the Split Point set to an appropriate key for the chords you are playing? Set the Split Point to an appropriate key (page 40 Function 006). Is the "ACMP ON" indicator showing in the display? If it is not showing, press the [ACMP ON/OFF] button so that it does show.
The Style does not sound as you play a chord.	<ul style="list-style-type: none"> The auto accompaniment will sometimes not change when related chords are played in sequence (e.g., some minor chords followed by the minor seventh). Two-note fingerings will produce a chord based on the previously played chord. Playing two same root keys in the adjacent octaves produces accompaniment based only on the root.
The footswitch (for sustain) seems to produce the opposite effect. For example, pressing the footswitch cuts off the sound and releasing it sustains the sounds.	The polarity of the footswitch is reversed. Make sure that the footswitch plug is properly connected to the [SUSTAIN] jack before turning on the power.
The sound of the voice changes from note to note.	This is normal. The AWM tone generation method uses multiple recordings (samples) of an instrument across the range of the keyboard; thus, the actual sound of the voice may be slightly different from note to note.
<ul style="list-style-type: none"> The volume is too soft. The sound quality is poor. The rhythm stops unexpectedly or will not play. The recorded data of the song, etc. does not play correctly. The LCD display suddenly goes dark, and all panel settings are reset. 	The batteries are low or dead. Replace all six batteries with completely new ones, or use the included AC adaptor.
Power suddenly and unexpectedly turns off.	This is normal and the Auto Power Off function may have been activated (page 14). If you need to disable the Auto Power Off function, select "Off" in the Function settings (Function 045; page 42).
When the instrument is turned on, power is turned off suddenly and unexpectedly.	This is normal. If an AC adaptor other than the one specified is used, power may be turned off suddenly and unexpectedly.

Memo

Song Book Sample

This score is provided with the part of the song book (free downloadable scores).
The song book contains not only the scores for all internal songs (excepting Songs 1–3) but also music terms and important points for your practice. To obtain the Song Book, complete the user registration at the following website.

Yamaha Online Member <https://member.yamaha.com/myproduct/regist/>

* The Song book is provided in English, French, German and Spanish.
This example introduces part of the English song book.

Für Elise

L. v. Beethoven

Basic

Song No.004

Für Elise ~ With Step Map ~12

Für Elise is an all-time classical favorite.

The beautiful, well-known melody is repeated a number of times.

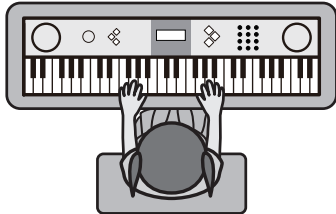
In each step you won't be practicing alone. You have a wonderful orchestra to back you up!

First, listen to the example a few times. It won't be long before you'll want to start playing it yourself!

Step 01	Warm-up Exercise - "The Semitone Mystery"	14
Step 02	Diligent Practice Time	15
Step 03	Warm-up Exercise - "Basic Accompaniment"	16
Step 04	Diligent Practice Time	16
Step 05	First Half Review	17
Step 06	Diligent Practice Time	17
Step 07	Warm-up Exercise - "The Jump Competition"	18
Step 08	"EEEEEE!"	18
Step 09	"Left! Right! Left! Right!"	19
Step 10	Second Half Review	19
Step 11	Play the Whole Song!	19

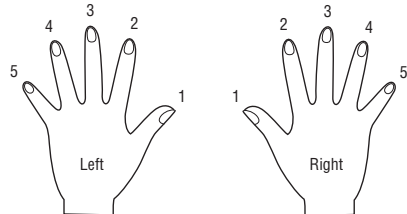
Before Playing...

◇ Sit Correctly



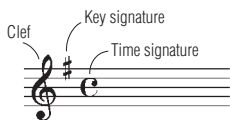
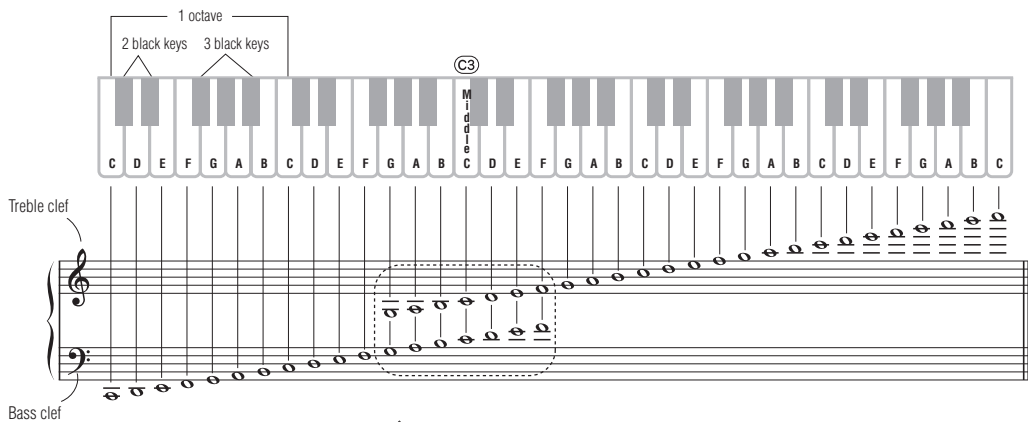
Sit near the middle of the keyboard.

◇ Finger Numbering



Reading the Score

◇ The Keyboard, Staff Lines, and Clef



◇ Notes and Rests

Whole note			Whole note rest	
Dotted half note			Dotted half note rest	
Half note			Half note rest	
Dotted quarter note			Dotted quarter note rest	
Quarter note			Quarter note rest	
Eighth note			Eighth note rest	
Sixteenth note			Sixteenth note rest	

◇ Accidentals

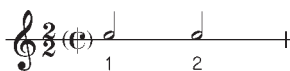
- # (Sharp) Raise a semitone
- b (Flat) Lower a semitone
- ♮ (Natural) Return to normal pitch

◇ Time Signatures and Counting Time

4/4 time



2/2 time



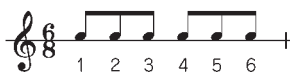
2/4 time



3/4 time



6/8 time



9/8 time



Song No.004

Basic

Für Elise

~ With Step Map ~

Play with both hands as if gently telling a story. It might help to sing or hum the melody as you play. Similar melody lines and rhythms are repeated in this song, so there aren't as many sections to practice as you might think. Enjoy learning each section as you build proficiency.

Step 05 From here... →

Andante
pp

Step 01
Step 02

Step 04

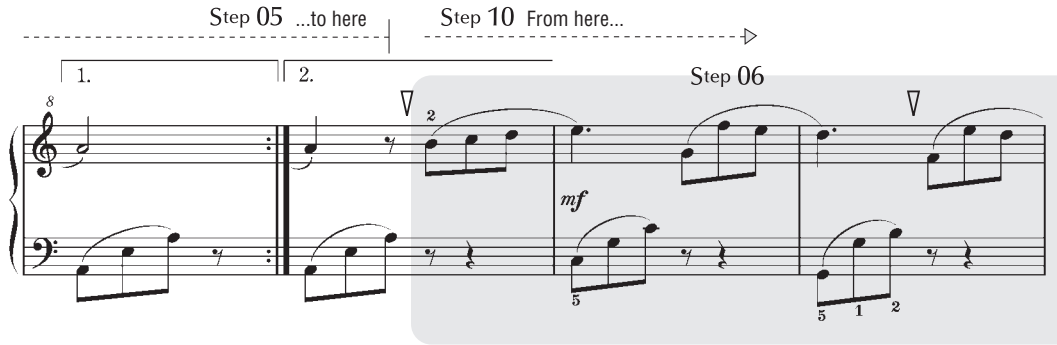
Step 03

Step 02

4/12

Step 05 ...to here | Step 10 From here... →

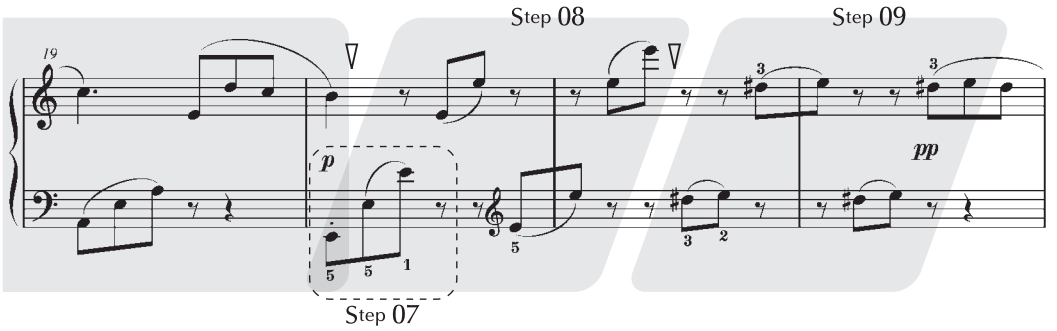
1. 2. Step 06



mf

Step 08 Step 09

19



p pp

Step 07

23



p

Step 10 ...to here |

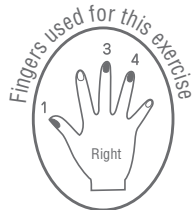
27



p

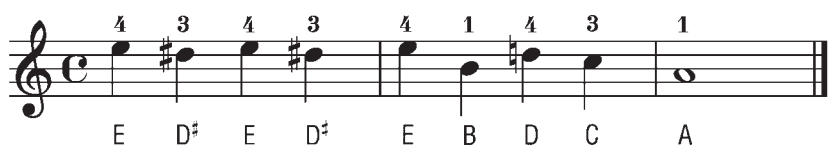
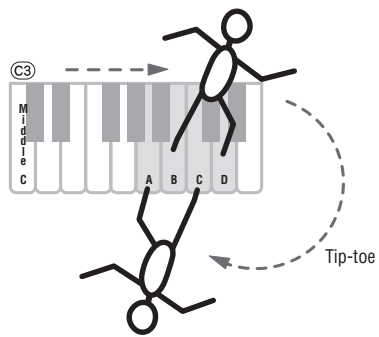
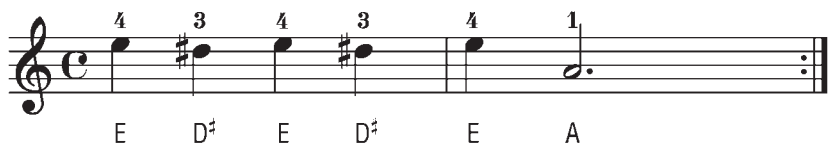
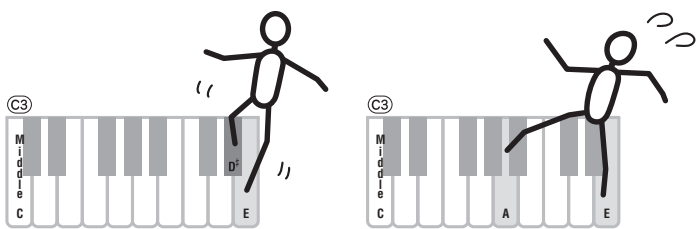
Song No.004  Für Elise **Basic**

Step 01



Warm-up Exercise - "The Semitone Mystery"

Let's start with a warm-up exercise using three fingers of the right hand. We'll start by ascending and descending the white and black keys. Check out the illustrations until you understand how the fingers are supposed to move, then get started!
You'll find it easier to play if you bend your fingers slightly.



Go back to the beginning and play it again.

Step 02

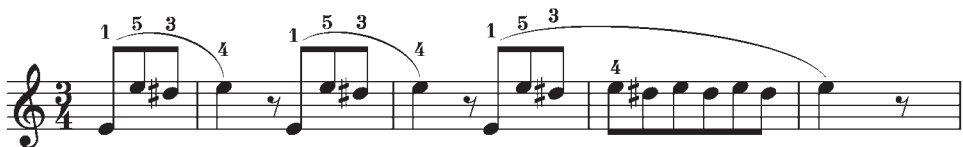


Diligent Practice Time

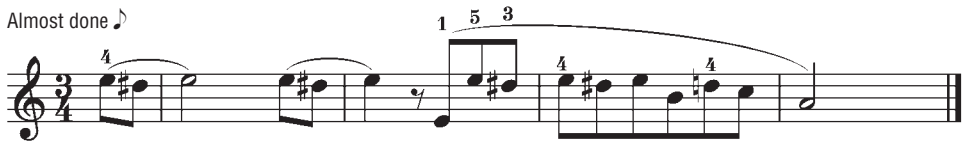
Right! Now that we're warmed up let's try playing along with the orchestra in 3/4 time.

The melody will be built up little by little.

Compare each line... notice that many of the shapes formed by the notes are very similar.



Short break



Almost done 

Step 05**First Half Review**

You've reached the halfway step! Have you learned all the material provided in the preceding steps? Now let's go back and play through all the first-half exercises. If you find that you're having trouble playing any of the material, go back and review the steps using the Step Map as a guide.

Step 06**Diligent Practice Time**

OK, let's begin the second half!

You'll be able to play the melody nicely if you lift your fingers from the keyboard between the slurs.

It might be easier to grasp the key release timing if you sing along with the melody.

Don't panic and play too strongly where the left hand has to play short notes.

Always have left-hand finger 5 ready to play the next note!

Song No.004  Für Elise **Basic**

Step 07

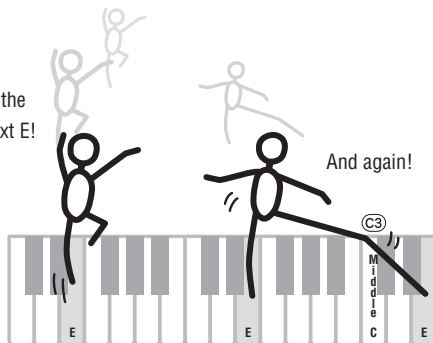


Jump to the next E!

Warm-up Exercise - "The Jump Competition"

The first note has a staccato dot.

Spread your fingers wide and jump quickly to the next note!



Step 08



"EEEEEE!"

The only note in this step is E!

Make the connection between the left and right hands as smooth as possible.

Step 09



“Left! Right! Left! Right!”

Play “D \sharp E” repeatedly, alternating the left and right hands.

Have the next hand ready in position to play D \sharp so you won’t have to rush.

Step 10



Second Half Review

Try playing all the way through the second half.

As we did after the first half, if there are places you can’t play with confidence go back and review the steps.

Step 11



Play the Whole Song!

This is the finishing step!

Don’t be afraid of making mistakes. Just concentrate on playing the entire song from start to finish.

Practice this with the lessons learned in each step in mind, and gradually you’ll master the whole song.

Voice List

Maximum Polyphony

The instrument has 32-note maximum polyphony. This means that it can play a maximum of up to 32 notes at once, regardless of what functions are used. Auto accompaniment uses a number of the available notes, so when auto accompaniment is used the total number of available notes for playing on the keyboard is correspondingly reduced. The same applies to the Split Voice and Song functions. If the maximum polyphony is exceeded, earlier played notes will be cut off and the most recent notes have priority (last note priority).

NOTE

- The Voice List includes MIDI program change numbers for each voice. Use these program change numbers when playing the instrument via MIDI from an external device.
- Program Numbers 001 to 128 directly relate to MIDI Program Change Numbers 000 to 127. That is, Program Numbers and Program Change Numbers differ by a value of 1. Remember to take this into consideration.
- Some voices may sound continuously or have a long decay after the notes have been released while the sustain pedal (footswitch) is held.

Panel Voice List

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
PIANO				
1	0	112	1	Grand Piano
2	0	112	2	Bright Piano
3	0	112	7	Harpsichord
4	0	112	4	Honky-tonk Piano
5	0	112	3	MIDI Grand Piano
6	0	113	3	CP80
E.PIANO				
7	0	114	5	Cool! Galaxy Electric Piano
8	0	113	6	Hyper Tines
9	0	112	5	Funky Electric Piano
10	0	112	6	DX Modern Electric Piano
11	0	114	6	Venus Electric Piano
12	0	112	8	Clavi
ORGAN				
13	0	118	19	Cool! Organ
14	0	117	19	Cool! Rotor Organ
15	0	112	17	Jazz Organ 1
16	0	113	17	Jazz Organ 2
17	0	112	19	Rock Organ
18	0	114	19	Purple Organ
19	0	112	18	Click Organ
20	0	116	17	Bright Organ
21	0	127	19	Theater Organ
22	0	121	20	16'+2' Organ
23	0	120	20	16'+4' Organ
24	0	113	20	Chapel Organ
25	0	112	20	Pipe Organ
26	0	112	21	Reed Organ
ACCORDION				
27	0	112	22	Musette Accordion
28	0	113	22	Traditional Accordion
29	0	113	24	Bandoneon
30	0	113	23	Modern Harp
31	0	112	23	Harmonica
GUITAR				
32	0	116	25	Dynamic Nylon Guitar
33	0	118	30	Dynamic Overdriven
34	0	112	25	Classical Guitar
35	0	112	26	Folk Guitar
36	0	112	27	Jazz Guitar
37	0	117	28	60s Clean Guitar
38	0	113	26	12Strings Guitar
39	0	112	28	Clean Guitar
40	0	113	27	Octave Guitar
41	0	112	29	Muted Guitar
42	0	112	30	Overdriven Guitar
43	0	112	31	Distortion Guitar
BASS				
44	0	116	34	Dynamic Electric Bass
45	0	112	34	Finger Bass
46	0	112	33	Acoustic Bass
47	0	112	35	Pick Bass
48	0	112	36	Fretless Bass
49	0	112	37	Slap Bass
50	0	121	40	Funk Bass
51	0	112	39	Synth Bass

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
52	0	113	39	Hi-Q Bass
53	0	113	40	Dance Bass
STRINGS				
54	0	112	49	Strings
55	0	112	50	Chamber Strings
56	0	115	50	Marcato Strings
57	0	113	50	Slow Strings
58	0	112	45	Tremolo Strings
59	0	112	51	Synth Strings
60	0	112	46	Pizzicato Strings
61	0	112	41	Violin
62	0	112	43	Cello
63	0	112	44	Contrabass
64	0	112	47	Harp
65	0	112	56	Orchestra Hit
CHOIR				
66	0	112	53	Choir
67	0	113	53	Vocal Ensemble
68	0	112	55	Air Choir
69	0	112	54	Vox Humana
SAXOPHONE				
70	0	117	67	Sweet! Tenor Sax
71	0	112	67	Tenor Sax
72	0	112	66	Alto Sax
73	0	112	65	Soprano Sax
74	0	112	68	Baritone Sax
75	0	114	67	Breathy Tenor Sax
76	0	116	66	Sax Ensemble
77	0	112	72	Clarinet
78	0	112	69	Oboe
79	0	112	70	English Horn
80	0	112	71	Bassoon
TRUMPET				
81	0	112	57	Trumpet
82	0	112	58	Trombone
83	0	113	58	Trombone Section
84	0	112	60	Muted Trumpet
85	0	112	61	French Horn
86	0	112	59	Tuba
BRASS				
87	0	112	62	Brass Section
88	0	113	62	Big Band Brass
89	0	116	62	Octave Brass
90	0	113	63	80s Brass
91	0	119	62	Mellow Horns
92	0	115	63	Funky Brass
93	0	114	63	Techno Brass
94	0	112	63	Synth Brass
FLUTE				
95	0	114	74	Sweet! Flute
96	0	112	74	Flute
97	0	112	73	Piccolo
98	0	112	76	Pan Flute
99	0	112	75	Recorder
100	0	112	80	Ocarina
SYNTH				
101	0	112	81	Square Lead

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
102	0	112	82	Sawtooth Lead
103	0	108	82	RS Tech Saw
104	0	112	88	Under Heim
105	0	112	85	Portatone
106	0	115	82	Analogon
107	0	119	82	Fargo
108	0	112	86	Voice Lead
109	0	121	82	Funky Lead
110	0	118	89	Sweet Heaven
111	0	121	89	Dream Heaven
112	0	113	89	Symbiont
113	0	112	99	Stardust
114	0	112	101	Brightness
115	0	112	92	Xenon Pad
116	0	112	95	Equinox
117	0	112	89	Fantasia
118	0	113	90	Dark Moon
119	0	113	101	Bell Pad
120	0	126	90	RS Analog Pad
121	0	116	91	RS Short Resonance
PERCUSSION				
122	0	112	12	Vibraphone
123	0	112	13	Marimba
124	0	112	14	Xylophone
125	0	112	115	Steel Drums
126	0	112	9	Celesta
127	0	112	11	Music Box
128	0	112	15	Tubular Bells
129	0	112	48	Timpani
WORLD				
130	0	112	106	Banjo
131	0	0	111	Fiddle
132	0	0	110	Bagpipe
133	0	0	16	Dulcimer 1
134	0	35	16	Dulcimer 2
135	0	96	16	Cimbalom
136	0	97	16	Santur
137	0	97	108	Kanoon
138	0	98	106	Oud
139	0	96	106	Rabab
140	0	0	109	Kalimba
141	0	113	21	Harmonium 1 (Single Reed)
142	0	114	21	Harmonium 2 (Double Reed)
143	0	115	21	Harmonium 3 (Triple Reed)
144	0	114	105	Tanpura
145	0	96	112	Pungi
146	0	117	74	Bansuri
147	0	0	105	Sitar 1
148	0	32	105	Detuned Sitar
149	0	35	105	Sitar 2
150	0	0	112	Shehnai
151	0	97	106	Gopichant
152	0	116	117	Tabla
153	0	115	111	Er Hu
154	0	118	74	Di Zi
155	0	116	106	Pi Pa
156	0	113	108	Gu Zheng
157	0	40	47	Yang Qin
158	0	120	111	Morin Khuur
159	0	0	107	Shamisen
160	0	0	108	Koto
161	0	96	108	Taisho-kin
DUAL*				
162	--	--	--	Octave Piano
163	--	--	--	Piano & Strings
164	--	--	--	Piano Pad
165	--	--	--	Octave Harpsichord
166	--	--	--	Tiny Electric Piano
167	--	--	--	Electric Piano Pad
168	--	--	--	Full Organ
169	--	--	--	Octave Jazz Guitar
170	--	--	--	Octave Strings
171	--	--	--	Orchestra Section
172	--	--	--	Octave Pizzicato Strings

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
173	--	--	--	Strings Session
174	--	--	--	Brass Tutti
175	--	--	--	Orchestra Tutti
176	--	--	--	Octave French Horns
177	--	--	--	Octave Harp
178	--	--	--	Orchestra Hit & Timpani
179	--	--	--	Octave Choir
180	--	--	--	Jazz Brass Section
181	--	--	--	Jazz Section
182	--	--	--	Ballroom Sax Ensemble
183	--	--	--	Ballroom Brass
184	--	--	--	Flute & Clarinet
185	--	--	--	Trumpet & Trombone
186	--	--	--	Fat Synth Brass
187	--	--	--	Octave Lead
188	--	--	--	Super 5th Lead
SOUND EFFECTS				
189	0	0	121	Fret Noise
190	0	0	122	Breath Noise
191	0	0	123	Seashore
192	0	0	124	Bird Tweet
193	0	0	125	Telephone Ring
194	0	0	126	Helicopter
195	0	0	127	Applause
196	0	0	128	Gunshot
DRUM KITS				
197	127	0	1	Standard Kit 1
198	127	0	2	Standard Kit 2
199	127	0	9	Room Kit
200	127	0	17	Rock Kit
201	127	0	25	Electronic Kit
202	127	0	26	Analog Kit
203	127	0	113	Dance Kit
204	127	0	33	Jazz Kit
205	127	0	41	Brush Kit
206	127	0	49	Symphony Kit
207	126	0	128	StdKit1 + Chinese Perc.
208	126	0	40	Indian Kit 1
209	126	0	115	Indian Kit 2
210	126	0	37	Arabic Kit
211	126	0	41	Cuban Kit
212	126	0	1	SFX Kit 1
213	126	0	2	SFX Kit 2
214	126	0	113	Sound Effect Kit
ARPEGGIO**				
215	--	--	--	Concerto
216	--	--	--	Latin Rock
217	--	--	--	Brass Section
218	--	--	--	Piano Ballad
219	--	--	--	Synth Sequence
220	--	--	--	Guitarist
221	--	--	--	Pickin'
222	--	--	--	Spanish
223	--	--	--	Funky Clavi
224	--	--	--	Harpeggio
225	--	--	--	Finger Bass Left
226	--	--	--	Combo Jazz Left
227	--	--	--	Paul's Bass Left
228	--	--	--	Trance Bass Left
229	--	--	--	Acid Bass Left
230	--	--	--	Piano Ballad Left
231	--	--	--	Salsa Piano Left
232	--	--	--	Piano Arpeggio Left
233	--	--	--	Guitar Arpeggio Left
234	--	--	--	Strum Left

* When you select a Voice of the DUAL category, two voices sound at the same time.

** Selecting a Voice number between 215 and 234 will turn on Arpeggio.

XGlite Voice List

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
XG PIANO				
235	0	0	1	Grand Piano
236	0	1	1	Grand Piano KSP
237	0	40	1	Piano Strings
238	0	41	1	Dream
239	0	0	2	Bright Piano
240	0	1	2	Bright Piano KSP
241	0	0	3	Electric Grand Piano
242	0	1	3	Electric Grand Piano KSP
243	0	32	3	Detuned CP80
244	0	0	4	Honky-tonk Piano
245	0	1	4	Honky-tonk Piano KSP
246	0	0	5	Electric Piano 1
247	0	1	5	Electric Piano 1 KSP
248	0	32	5	Chorus Electric Piano 1
249	0	0	6	Electric Piano 2
250	0	1	6	Electric Piano 2 KSP
251	0	32	6	Chorus Electric Piano 2
252	0	41	6	DX + Analog Electric Piano
253	0	0	7	Harpischord 1
254	0	1	7	Harpischord KSP
255	0	35	7	Harpischord 2
256	0	0	8	Clavi
257	0	1	8	Clavi KSP
XG CHROMATIC				
258	0	0	9	Celesta
259	0	0	10	Glockenspiel
260	0	0	11	Music Box 1
261	0	64	11	Music Box 2
262	0	0	12	Vibraphone
263	0	1	12	Vibraphone KSP
264	0	0	13	Marimba
265	0	1	13	Marimba KSP
266	0	64	13	Sine Marimba
267	0	97	13	Balimba
268	0	98	13	Log Drums
269	0	0	14	Xylophone
270	0	0	15	Tubular Bells
271	0	96	15	Church Bells
272	0	97	15	Carillon
XG ORGAN				
273	0	0	17	Drawbar Organ 1
274	0	32	17	Detuned Drawbar Organ
275	0	33	17	60s Drawbar Organ 1
276	0	34	17	60s Drawbar Organ 2
277	0	35	17	70s Drawbar Organ 1
278	0	37	17	60s Drawbar Organ 3
279	0	40	17	16+2'2/3 Organ
280	0	64	17	Organ Bass
281	0	65	17	70s Drawbar Organ 2
282	0	66	17	Cheezy Organ
283	0	67	17	Drawbar Organ 2
284	0	0	18	Percussive Organ 1
285	0	24	18	70s Percussive Organ
286	0	32	18	Detuned Percussive Organ
287	0	33	18	Light Organ
288	0	37	18	Percussive Organ 2
289	0	0	19	Rock Organ
290	0	64	19	Rotary Organ
291	0	65	19	Slow Rotary Organ
292	0	66	19	Fast Rotary Organ
293	0	0	20	Church Organ 1
294	0	32	20	Church Organ 3
295	0	35	20	Church Organ 2
296	0	40	20	Notre Dame
297	0	64	20	Organ Flute
298	0	65	20	Tremolo Organ Flute
299	0	0	21	Reed Organ
300	0	40	21	Puff Organ
301	0	0	22	Accordion

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
302	0	0	23	Harmonica 1
303	0	32	23	Harmonica 2
304	0	0	24	Tango Accordion 1
305	0	64	24	Tango Accordion 2
XG GUITAR				
306	0	0	25	Nylon Guitar 1
307	0	25	25	Nylon Guitar 3
308	0	43	25	Velocity Guitar Harmonics
309	0	96	25	Ukulele
310	0	0	26	Steel Guitar
311	0	35	26	12-string Guitar
312	0	40	26	Nylon & Steel Guitar
313	0	41	26	Steel Guitar with Body Sound
314	0	96	26	Mandolin
315	0	0	27	Jazz Guitar
316	0	32	27	Jazz Amp
317	0	0	28	Clean Guitar
318	0	32	28	Chorus Guitar
319	0	0	29	Muted Guitar
320	0	40	29	Funk Guitar
321	0	41	29	Muted Steel Guitar
322	0	45	29	Jazz Man
323	0	0	30	Overdriven Guitar
324	0	43	30	Guitar Pinch
325	0	0	31	Distortion Guitar
326	0	40	31	Feedback Guitar 1
327	0	41	31	Feedback Guitar 2
328	0	0	32	Guitar Harmonics 1
329	0	65	32	Guitar Feedback
330	0	66	32	Guitar Harmonics 2
XG BASS				
331	0	0	33	Acoustic Bass
332	0	40	33	Jazz Rhythm
333	0	45	33	Velocity Crossfade Upright Bass
334	0	0	34	Finger Bass 1
335	0	18	34	Finger Bass Dark
336	0	40	34	Bass & Distorted Electric Guitar
337	0	43	34	Finger Slap Bass
338	0	45	34	Finger Bass 2
339	0	65	34	Modulated Bass
340	0	0	35	Pick Bass
341	0	28	35	Muted Pick Bass
342	0	0	36	Fretless Bass 1
343	0	32	36	Fretless Bass 2
344	0	33	36	Fretless Bass 3
345	0	34	36	Fretless Bass 4
346	0	0	37	Slap Bass 1
347	0	32	37	Punch Thumb Bass
348	0	0	38	Slap Bass 2
349	0	43	38	Velocity Switch Slap
350	0	0	39	Synth Bass 1
351	0	40	39	Techno Synth Bass
352	0	0	40	Synth Bass 2
353	0	6	40	Mellow Synth Bass
354	0	12	40	Sequenced Bass
355	0	18	40	Click Synth Bass
356	0	19	40	Synth Bass 2 Dark
357	0	40	40	Modular Synth Bass
358	0	41	40	DX Bass
XG STRINGS				
359	0	0	41	Violin
360	0	8	41	Slow Violin
361	0	0	42	Viola
362	0	0	43	Cello
363	0	0	44	Contrabass
364	0	0	45	Tremolo Strings
365	0	8	45	Slow Tremolo Strings
366	0	40	45	Suspense Strings
367	0	0	46	Pizzicato Strings
368	0	0	47	Orchestral Harp

Voice No.	Bank Select		MIDI Program Change# (0-127)	Voice Name
	MSB (0-127)	LSB (0-127)		
369	0	0	48	Timpani
XG ENSEMBLE				
			49	Strings 1
370	0	0	49	Stereo Strings
371	0	3	49	Stereo Strings
372	0	8	49	Slow Strings
373	0	35	49	60s Strings
374	0	40	49	Orchestra 1
375	0	41	49	Orchestra 2
376	0	42	49	Tremolo Orchestra
377	0	45	49	Velocity Strings
378	0	0	50	Strings 2
379	0	3	50	Stereo Slow Strings
380	0	8	50	Legato Strings
381	0	40	50	Warm Strings
382	0	41	50	Kingdom
383	0	0	51	Synth Strings 1
384	0	64	51	Synth Strings 4
385	0	0	52	Synth Strings 2
386	0	0	53	Choir Aahs
387	0	3	53	Stereo Choir
388	0	32	53	Mellow Choir
389	0	40	53	Choir Strings
390	0	0	54	Voice Oohs
391	0	0	55	Synth Voice 1
392	0	40	55	Synth Voice 2
393	0	41	55	Choral
394	0	64	55	Analog Voice
395	0	0	56	Orchestra Hit 1
396	0	35	56	Orchestra Hit 2
397	0	64	56	Impact
XG BRASS				
398	0	0	57	Trumpet
399	0	32	57	Warm Trumpet
400	0	0	58	Trombone 1
401	0	18	58	Trombone 2
402	0	0	59	Tuba
403	0	0	60	Muted Trumpet
404	0	0	61	French Horn 1
405	0	6	61	French Horn Solo
406	0	32	61	French Horn 2
407	0	37	61	Horn Orchestra
408	0	0	62	Brass Section
409	0	35	62	Trumpet & Trombone Section
410	0	0	63	Synth Brass 1
411	0	20	63	Resonant Synth Brass
412	0	0	64	Synth Brass 2
413	0	18	64	Soft Brass
414	0	41	64	Choir Brass
XG REED				
415	0	0	65	Soprano Sax
416	0	0	66	Alto Sax
417	0	40	66	Sax Section
418	0	0	67	Tenor Sax
419	0	40	67	Breathy Tenor Sax
420	0	0	68	Baritone Sax
421	0	0	69	Oboe
422	0	0	70	English Horn
423	0	0	71	Bassoon
424	0	0	72	Clarinet
XG PIPE				
425	0	0	73	Piccolo
426	0	0	74	Flute
427	0	0	75	Recorder
428	0	0	76	Pan Flute
429	0	0	77	Blown Bottle
430	0	0	79	Whistle
431	0	0	80	Ocarina
XG SYNTH LEAD				
432	0	0	81	Square Lead 1
433	0	6	81	Square Lead 2
434	0	8	81	LM Square

Voice No.	Bank Select		MIDI Program Change# (0-127)	Voice Name
	MSB (0-127)	LSB (0-127)		
435	0	18	81	Hollow
436	0	19	81	Shroud
437	0	64	81	Mellow
438	0	65	81	Solo Sine
439	0	66	81	Sine Lead
440	0	0	82	Sawtooth Lead 1
441	0	6	82	Sawtooth Lead 2
442	0	8	82	Thick Sawtooth
443	0	18	82	Dynamic Sawtooth
444	0	19	82	Digital Sawtooth
445	0	20	82	Big Lead
446	0	24	82	Heavy Synth
447	0	96	82	Sequenced Analog
448	0	0	83	Calliope Lead
449	0	65	83	Pure Lead
450	0	0	84	Chiff Lead
451	0	0	85	Charang Lead
452	0	64	85	Distorted Lead
453	0	0	86	Voice Lead
454	0	0	87	Fifths Lead
455	0	35	87	Big Five
456	0	0	88	Bass & Lead
457	0	16	88	Big & Low
458	0	64	88	Fat & Perky
459	0	65	88	Soft Whirl
XG SYNTH PAD				
460	0	0	89	New Age Pad
461	0	64	89	Fantasy
462	0	0	90	Warm Pad
463	0	0	91	Poly Synth Pad
464	0	0	92	Choir Pad
465	0	66	92	Itopia
466	0	0	93	Bowed Pad
467	0	0	94	Metallic Pad
468	0	0	95	Halo Pad
469	0	0	96	Sweep Pad
XG SYNTH EFFECTS				
470	0	0	97	Rain
471	0	64	97	Harmo Rain
472	0	65	97	African Wind
473	0	66	97	Carib
474	0	0	98	Sound Track
475	0	27	98	Prologue
476	0	0	99	Crystal
477	0	12	99	Synth Drum Comp
478	0	14	99	Popcorn
479	0	18	99	Tiny Bells
480	0	35	99	Round Glockenspiel
481	0	40	99	Glockenspiel Chimes
482	0	41	99	Clear Bells
483	0	42	99	Chorus Bells
484	0	65	99	Soft Crystal
485	0	70	99	Air Bells
486	0	71	99	Bell Harp
487	0	72	99	Gamelimba
488	0	0	100	Atmosphere
489	0	18	100	Warm Atmosphere
490	0	19	100	Hollow Release
491	0	40	100	Nylon Electric Piano
492	0	64	100	Nylon Harp
493	0	65	100	Harp Vox
494	0	66	100	Atmosphere Pad
495	0	0	101	Brightness
496	0	0	102	Goblins
497	0	64	102	Goblins Synth
498	0	65	102	Creeper
499	0	67	102	Ritual
500	0	68	102	To Heaven
501	0	70	102	Night
502	0	71	102	Glisten
503	0	96	102	Bell Choir

Voice List

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
504	0	0	103	Echoes
505	0	65	103	Big Pan
506	0	0	104	Sci-Fi
XG WORLD				
507	0	0	78	Shakuhachi
508	0	97	105	Tamboura
509	0	0	106	Banjo
510	0	28	106	Muted Banjo
XG PERCUSSIVE				
511	0	0	113	Tinkle Bell
512	0	96	113	Bonang
513	0	97	113	Altair
514	0	98	113	Gamelan Gongs
515	0	99	113	Stereo Gamelan Gongs
516	0	100	113	Rama Cymbal
517	0	0	114	Agogo
518	0	0	115	Steel Drums
519	0	97	115	Glass Percussion
520	0	98	115	Thai Bells
521	0	0	116	Woodblock
522	0	96	116	Castanets
523	0	0	117	Taiko Drum
524	0	96	117	Gran Cassa
525	0	0	118	Melodic Tom 1
526	0	64	118	Melodic Tom 2
527	0	65	118	Real Tom
528	0	66	118	Rock Tom
529	0	0	119	Synth Drum
530	0	64	119	Analog Tom
531	0	65	119	Electronic Percussion
532	0	0	120	Reverse Cymbal
XG SOUND EFFECTS				
533	64	0	1	Cutting Noise 1
534	64	0	2	Cutting Noise 2
535	64	0	4	String Slap
536	64	0	17	Flute Key Click
537	64	0	33	Shower
538	64	0	34	Thunder
539	64	0	35	Wind
540	64	0	36	Stream
541	64	0	37	Bubble
542	64	0	38	Feed
543	64	0	49	Dog
544	64	0	50	Horse
545	64	0	51	Bird Tweet 2
546	64	0	56	Maou
547	64	0	65	Phone Call
548	64	0	66	Door Squeak
549	64	0	67	Door Slam
550	64	0	68	Scratch Cut
551	64	0	69	Scratch Split
552	64	0	70	Wind Chime
553	64	0	71	Telephone Ring 2
554	64	0	81	Car Engine Ignition
555	64	0	82	Car Tires Squeal
556	64	0	83	Car Passing
557	64	0	84	Car Crash
558	64	0	85	Siren
559	64	0	86	Train
560	64	0	87	Jet Plane
561	64	0	88	Starship
562	64	0	89	Burst
563	64	0	90	Roller Coaster
564	64	0	91	Submarine
565	64	0	97	Laugh
566	64	0	98	Scream
567	64	0	99	Punch
568	64	0	100	Heartbeat
569	64	0	101	Footsteps
570	64	0	113	Machine Gun
571	64	0	114	Laser Gun

Voice No.	Bank Select		MIDI Program Change# (1-128)	Voice Name
	MSB (0-127)	LSB (0-127)		
572	64	0	115	Explosion
573	64	0	116	Firework

Drum Kit List

- " " indicates that the drum sound is the same as "Standard Kit 1"
- Each percussion voice uses one note.
- The MIDI Note # and Note are actually one octave lower than keyboard Note # and Note. For example, in "197: Standard Kit 1", the "Seq Click H" (Note# 36/Note C1) corresponds to (Note# 24/Note C0).

		Voice No.		197	198	199	200	201	202
		MSB (0-127) / LSB (0-127) / PC (1-128)		127/000/001	127/000/002	127/000/009	127/000/017	127/000/025	127/000/026
		Keyboard		Standard Kit 1	Standard Kit 2	Room Kit	Rock Kit	Electronic Kit	Analog Kit
		Note#	Note	Note#	Note				
		25	C# 0	13	C# -1				
		26	D 0	14	D -1				
		27	D# 0	15	D# -1				
		28	E 0	16	E -1				
		29	F 0	17	F -1				
		30	F# 0	18	F# -1				
		31	G 0	19	G -1				
		32	G# 0	20	G# -1				
		33	A 0	21	A -1				
		34	A# 0	22	A# -1				
		35	B 0	23	B -1				
		36	C 1	24	C 0				
C1	C#1	37	C# 1	25	C# 0				
D1	D#1	38	D 1	26	D 0				
E1	E#1	39	D# 1	27	D# 0				
F1	F#1	40	E 1	28	E 0			Reverse Cymbal	Reverse Cymbal
G1	G#1	41	F 1	29	F 0				
A1	A#1	42	F# 1	30	F# 0				
B1	B#1	43	G 1	31	G 0	Snare H Soft	Snare Rock H	Hi Q 2	Hi Q 2
C2	C#2	44	G# 1	32	G# 0			Snare L	Snare Rock H
D2	D#2	45	A 1	33	A 0				
E2	E#2	46	A# 1	34	A# 0			Bass Drum H	Bass Drum H
F2	F#2	47	B 1	35	B 0	Open Rim Shot			
G2	G#2	48	C 2	36	C 1	Open Rim Shot 2		Bass Drum H	Bass Drum Rock
A2	A#2	49	C# 2	37	C# 1	Bass Drum 2		Bass Drum Rock	Bass Drum Gate
B2	B#2	50	D 2	38	D 1			Bass Drum Gate	Bass Drum Analog H
C3	C#3	51	D# 2	39	D# 1	Snare M	Snare M 2	Snare Room L	Snare Rock L
D3	D#3	52	E 2	40	E 1	Snare H Hard	Snare H Hard 2	Snare Room H	Snare Rock Rim
E3	E#3	53	F 2	41	F 1	Floor Tom L		Room Tom 1	Rock Tom 1
F3	F#3	54	F# 2	42	F# 1	Hi-Hat Closed			
G3	G#3	55	G 2	43	G 1	Floor Tom H		Room Tom 2	Rock Tom 2
A3	A#3	56	G# 2	44	G# 1	Hi-Hat Pedal			
B3	B#3	57	A 2	45	A 1	Low Tom		Room Tom 3	Rock Tom 3
C4	C#4	58	A# 2	46	A# 1	Hi-Hat Open			
D4	D#4	59	B 2	47	B 1	Mid Tom L		Room Tom 4	Rock Tom 4
E4	E#4	60	C 3	48	C 2	Mid Tom H		Room Tom 5	Rock Tom 5
F4	F#4	61	C# 3	49	C# 2	Crash Cymbal 1			
G4	G#4	62	D 3	50	D 2	High Tom		Room Tom 6	Rock Tom 6
A4	A#4	63	D# 3	51	D# 2	Ride Cymbal 1			
B4	B#4	64	E 3	52	E 2	Chinese Cymbal			
C5	C#5	65	F 3	53	F 2	Ride Cymbal Cup			
D5	D#5	66	F# 3	54	F# 2	Tambourine			
E5	E#5	67	G 3	55	G 2	Splash Cymbal			
F5	F#5	68	G# 3	56	G# 2	Cowbell			Analog Cowbell
G5	G#5	69	A 3	57	A 2	Crash Cymbal 2			
A5	A#5	70	A# 3	58	A# 2	Vibraslap			
B5	B#5	71	B 3	59	B 2	Ride Cymbal 2			
C6	C#6	72	C 4	60	C 3	Bongo H			
D6	D#6	73	C# 4	61	C# 3	Bongo L			
E6	E#6	74	D 4	62	D 3	Conga H Mute			Analog Conga H
F6	F#6	75	D# 4	63	D# 3	Conga H Open			Analog Conga M
G6	G#6	76	E 4	64	E 3	Conga L			Analog Conga L
A6	A#6	77	F 4	65	F 3	Timbale H			
B6	B#6	78	F# 4	66	F# 3	Timbale L			
C7	C#7	79	G 4	67	G 3	Agogo H			
D7	D#7	80	G# 4	68	G# 3	Agogo L			
E7	E#7	81	A 4	69	A 3	Cabasa			
F7	F#7	82	A# 4	70	A# 3	Maracas			Analog Maracas
G7	G#7	83	B 4	71	B 3	Samba Whistle H			
A7	A#7	84	C 5	72	C 4	Samba Whistle L			
B7	B#7	85	C# 5	73	C# 4	Guiro Short			
C8	C#8	86	D 5	74	D 4	Guiro Long			
D8	D#8	87	D# 5	75	D# 4	Claves			Analog Claves
E8	E#8	88	E 5	76	E 4	Wood Block H			
F8	F#8	89	F 5	77	F 4	Wood Block L			
G8	G#8	90	F# 5	78	F# 4	Cuica Mute		Scratch Push	Scratch Push
A8	A#8	91	G 5	79	G 4	Cuica Open		Scratch Pull	Scratch Pull
B8	B#8	92	G# 5	80	G# 4	Triangle Mute			
C9	C#9	93	A 5	81	A 4	Triangle Open			
D9	D#9	94	A# 5	82	A# 4	Shaker			
E9	E#9	95	B 5	83	B 4	Jingle Bells			
F9	F#9	96	C 6	84	C 5	Bell Tree			
G9	G#9	97	C# 6	85	C# 5				
A9	A#9	98	D 6	86	D 5				
B9	B#9	99	D# 6	87	D# 5				
C10	C#10	100	E 6	88	E 5				
D10	D#10	101	F 6	89	F 5				
E10	E#10	102	F# 6	90	F# 5				
F10	F#10	103	G 6	91	G 5				

Drum Kit List

		Voice No.		203	204	205	206	207	208
		MSB (0-127) / LSB (0-127) / PC (1-128)		127/000/113	127/000/033	127/000/041	127/000/049	126/000/128	126/000/040
		MIDI		Dance Kit	Jazz Kit	Brush Kit	Symphony Kit	StkKit1 + Chinese Perc.	Indian Kit 1
	Keyboard	Note	Note						
		25	C# 0	13	C# -1				
		26	D 0	14	D -1				
		27	D# 0	15	D# -1				
		28	E 0	16	E -1				
		29	F 0	17	F -1				
		30	F# 0	18	F# -1				
		31	G 0	19	G -1				
		32	G# 0	20	G# -1				
		33	A 0	21	A -1				
		34	A# 0	22	A# -1				
		35	B 0	23	B -1				Hateli Long
		36	C 1	24	C 0				Hateli Short
C1	C#1	37	C# 1	25	C# 0				Baya ge
D1	D#1	38	D 1	26	D 0				Baya ke
E1	E#1	39	D# 1	27	D# 0				Baya ghe
F1	F#1	40	E 1	28	E 0	Reverse Cymbal			Baya ka
G1	G#1	41	F 1	29	F 0				Tabla na
A1	A#1	42	F# 1	30	F# 0	Hi Q 2			Tabla tin
B1	B#1	43	G 1	31	G 0	Analog Snare Snappy	Snare Jazz H Light	Brush Slap L	Tablabaya dha
C2	C#2	44	G# 1	32	G# 0				Tabla tun
D2	D#2	45	A 1	33	A 0	Analog Bass Drum Dance 1		Bass Drum L	Tablabaya dhin
E2	E#2	46	A# 1	34	A# 0	Analog Snare Open Rim			Tabla di
F2	F#2	47	B 1	35	B 0	Analog Bass Drum Dance 2		Gran Cassa	Tablabaya dhe
G2	G#2	48	C 2	36	C 1	Analog Bass Drum Dance 3	Bass Drum Jazz	Bass Drum Jazz	Tabla ti
A2	A#2	49	C# 2	37	C# 1	Analog Side Stick		Gran Cassa Mute	Tabla ne
B2	B#2	50	D 2	38	D 1	Analog Snare Q	Snare Jazz L	Brush Slap	Tabla taran
C3	C#3	51	D# 2	39	D# 1			Marching Snare M	Tabla tak
D3	D#3	52	E 2	40	E 1	Analog Snare + Acoustic	Snare Jazz M	Brush Tap	Chipri
E3	E#3	53	F 2	41	F 1	Analog Tom 1	Jazz Tom 1	Brush Tom 1	Kanjira Open
F3	F#3	54	F# 2	42	F# 1	Analog Hi-Hat Closed 3			Kanjira Slap
G3	G#3	55	G 2	43	G 1	Analog Tom 2	Jazz Tom 2	Brush Tom 2	Kanjira Mute
A3	A#3	56	G# 2	44	G# 1	Analog Hi-Hat Closed 4		Jazz Tom 2	Kanjira Bend up
B3	B#3	57	A 2	45	A 1	Analog Tom 3	Jazz Tom 3	Brush Tom 3	Kanjira Bend down
C4	C#4	58	A# 2	46	A# 1	Analog Hi-Hat Open 2		Jazz Tom 3	Dholak Open
D4	D#4	59	B 2	47	B 1	Analog Tom 4	Jazz Tom 4	Brush Tom 4	Dholak Mute
E4	E#4	60	C 3	48	C 2	Analog Tom 5	Jazz Tom 5	Brush Tom 5	Dholak Slap
F4	F#4	61	C# 3	49	C# 2	Analog Cymbal		Hand Cymbal L	Dhol Open
G4	G#4	62	D 3	50	D 2	Analog Tom 6	Jazz Tom 6	Brush Tom 6	Dhol Mute
A4	A#4	63	D# 3	51	D# 2			Hand Cymbal Short L	Dhol Slap
B4	B#4	64	E 3	52	E 2				Dhol Slide
C5	C#5	65	F 3	53	F 2				Mridangam Normal
D5	D#5	66	F# 3	54	F# 2				Mridangam Open
E5	E#5	67	G 3	55	G 2				Mridangam Mute
F5	F#5	68	G# 3	56	G# 2	Analog Cowbell			Mridangam Slap
G5	G#5	69	A 3	57	A 2		Hand Cymbal H		Mridangam Rim
A5	A#5	70	A# 3	58	A# 2				Chimta Open
B5	B#5	71	B 3	59	B 2		Hand Cymbal Short H		Chimta Normal
C6	C#6	72	C 4	60	C 3				Chimta Ring
D6	D#6	73	C# 4	61	C# 3				Dholki Open
E6	E#6	74	D 4	62	D 3	Analog Conga H			Dholki Mute
F6	F#6	75	D# 4	63	D# 3	Analog Conga M			Dholki Slap
G6	G#6	76	E 4	64	E 3	Analog Conga L			Dholki Slide
A6	A#6	77	F 4	65	F 3				Dholki Rim
B6	B#6	78	F# 4	66	F# 3				Khol Open
C7	C#7	79	G 4	67	G 3			Dagu Mute	Khol Slide
D7	D#7	80	G# 4	68	G# 3			Zhongcha Mute	Mridang Mute
E7	E#7	81	A 4	69	A 3			Dagu Heavy	Manjira Open
F7	F#7	82	A# 4	70	A# 3	Analog Maracas		Zhongcha Open	Manjira Close
G7	G#7	83	B 4	71	B 3			Paigu Middle	Jhanji Open
A7	A#7	84	C 5	72	C 4			Paigu Low	Jhanji Close
B7	B#7	85	C# 5	73	C# 4			Xiaocha Mute	Mondira Open
C8	C#8	86	D 5	74	D 4			Bangu	Mondira Close
D8	D#8	87	D# 5	75	D# 4	Analog Claves		Xiaocha Open	Mridang Open
E8	E#8	88	E 5	76	E 4			Bangzi	Mridang Mute
F8	F#8	89	F 5	77	F 4			Muyu Low	Mridang Rim
G8	G#8	90	F# 5	78	F# 4	Scratch Push		Zhongluo Mute	Mridang Slide
A8	A#8	91	G 5	79	G 4	Scratch Pull		Muyu Mid-Low	Khomokh Normal
B8	B#8	92	G# 5	80	G# 4			Zhongluo Open	Khomokh Mute
C9	C#9	93	A 5	81	A 4			Muyu Middle	Khomokh Mltatk
D9	D#9	94	A# 5	82	A# 4			Xiaoluo Open	Madal-A2
E9	E#9	95	B 5	83	B 4			Triangle Mute	Madal-A#2
F9	F#9	96	C 6	84	C 5			Triangle Open	Madal-B2
G9	G#9	97	C# 6	85	C# 5				Madal-C2
A9	A#9	98	D 6	86	D 5				Madal-C#3
B9	B#9	99	D# 6	87	D# 5				Madal-D3
C10	C#10	100	E 6	88	E 5				Madal-D#3
D10	D#10	101	F 6	89	F 5				Madal-E3
E10	E#10	102	F# 6	90	F# 5				Madal-F3
F10	F#10	103	G 6	91	G 5				Madal-F#3
G10	G#10								Madal-G3

* Actual keyboard notes of the SFX Kit 1 and 2 are one octave lower than the ones described in the list.

209	210	211	212	213	214
126/000/115	126/000/037	126/000/041	126/000/001	126/000/002	126/000/113
Indian Kit 2	Arabic Kit	Cuban Kit	SFX Kit 1 *	SFX Kit 2 *	Sound Effect Kit
	Zarb Back mf				
	Zarb Tom f				
Indian Hand Clap	Zarb Eshareh				
Dafli Open	Zarb Whipping				
Dafli Slap	Tombak Tom f				
Dafli Rim	Neghareh Tom f				
Duff Open	Tombak Back f				
Duff Slap	Neghareh Back f				
Duff Rim	Tombak Snap f				
Hatheli Long	Neghareh Pelang f	Conga H Tip			
Hatheli Short	Tombak Trill	Conga H Heel			
Baya ge	Khaligi Clap 1	Conga H Open			
Baya ke	Arabic Zalqouta Open	Conga H Mute			
Baya ghe	Khaligi Clap 2	Conga H Slap Open			
Baya ka	Arabic Zalqouta Close	Conga H Slap			
Tabla na	Arabic Hand Clap	Conga H Slap Mute			
Tabla tin	Tabel Tak 1	Conga L Tip			
Tablabaya dha	Sagat 1	Conga L Heel			
Dhol 1 Open	Tabel Dom	Conga L Open			
Dhol 1 Slap	Sagat 2	Conga L Mute			
Dhol 1 Mute	Tabel Tak 2	Conga L Slap Open			
Dhol 1 Open Slap	Sagat 3	Conga L Slap			
Dhol 1 Roll	Riq Tik 3	Conga L Slide			
Dandia Short	Riq Tik 2	Bongo H Open 1 finger	Cutting Noise	Phone Call	Heartbeat
Dandia Long	Riq Tik Hard 1	Bongo H Open 3 finger	Cutting Noise 2	Door Squeak	Footsteps
Chutki	Riq Tik 1	Bongo H Rim		Door Slam	Door Squeak
Chipri	Riq Tik Hard 2	Bongo H Tip	String Slap	Scratch Cut	Door Slam
Khanjira Open	Riq Tik Hard 3	Bongo H Heel		Scratch Split	Applause
Khanjira Slap	Riq Tish	Bongo H Slap		Wind Chime	Camera
Khanjira Mute	Riq Snouj 2	Bongo L Open 1 finger		Telephone Ring 2	Horn
Khanjira Bendup	Riq Roll	Bongo L Open 3 finger			Hiccup
Khanjira Benddown	Riq Snouj 1	Bongo L Rim			Cuckoo Clock
Dholak 1 Open	Riq Sak	Bongo L Tip			Stream
Dholak 1 Mute	Riq Snouj 3	Bongo L Heel			Frog
Dholak 1 Slap	Riq Snouj 4	Bongo L Slap			Rooster
Dhol 2 Open	Riq Tak 1	Timbale L Open			Dog
Dhol 2 Slap	Riq Brass 1				Cat
Dhol 2 Rim	Riq Tak 2				Owl
Mridangam na	Riq Brass 2				Horse Gallop
Mridangam din	Riq Dom		Flute Key Click	Car Engine Ignition	Horse Neigh
Mridangam ki	Katem Tak Doff	Paila L		Car Tires Squeal	Cow
Mridangam ta	Katem Dom	Timbale H Open		Car Passing	Lion
Mridangam Chapu	Katem Sak 1			Car Crash	Scratch
Mridangam Lo Closed	Katem Tak 1			Siren	Yo!
Mridangam Lo Open	Katem Sak 2			Train	Go!
Chimta Normal	Katem Tak 2			Jet Plane	Get up!
Chimta Ring	Daholla Sak 2	Paila H		Starship	Whoow!
Dholki Hi Open	Daholla Sak 1	Cowbell Top			Burst
Dholki Hi Mute	Daholla Tak 1				Roller Coaster
Dholki Lo Open	Daholla Dom				Submarine
Dholki Hi Slap	Daholla Tak 2				
Dholki Lo Slide	Tablah Prok	Guiro Short			
Khol Open	Tablah Dom 2	Guiro Long			
Khol slide	Tablah Roll of Edge				
Khol Mute	Tablah Tak Finger 4				
Manjira Open	Tablah Tak Trill 1	Tambourine	Shower	Laugh	
Manjira Close	Tablah Tak Finger 3		Thunder	Scream	
Jhanji Open	Tablah Tak Trill 2		Wind	Punch	
Jhanji Close	Tablah Tak Finger 2		Stream	Heartbeat	
Mondira Open	Tablah Tak Finger 1	Maracas	Bubble	Footsteps	
Mondira Close	Tablah Tik 2	Shaker	Feed		
Indian Bhangra Scat 1	Tablah Tik 4	Cabasa			
Indian Bhangra Scat 2	Tablah Tik 3				
Indian Bhangra Scat 3	Tablah Tik 1				
Indian Bhangra Scat 4	Tablah Tak 3				
Khomokh Normal	Tablah Tak 1				
Khomokh Mute	Tablah Tak 4				
Khomokh mitatk	Tablah Tak 2				
Thavil Open	Tablah Sak 2				
Thavil Slap	Tablah Tremolo				
Thavil Mute	Tablah Sak 1				
Khartaal	Tablah Dom 1		Dog	Machine Gun	
Dholak 2 Open			Horse	Laser Gun	Applause 1
Dholak 2 Slide			Bird Tweet 2	Explosion	Applause 2
Dholak 2 Rim 1				Firework	Applause 3
Dholak 2 Rim 2					Applause 4
Dholak 2 Ring					
Dholak 2 Slap			Maou		

Song List

Song No.	Song Name
Top Picks	
001	Demo 1 (Yamaha Original)
002	Demo 2 (Yamaha Original)
003	Demo 3 (Yamaha Original)
Learn to Play	
004	Für Elise (Basic) (L. v. Beethoven)
005	Für Elise (Advanced) (L. v. Beethoven)
006	Twinkle Twinkle Little Star (Basic) (Traditional)
007	Twinkle Twinkle Little Star (Advanced) (Traditional)
008	Turkish March (Basic) (W.A. Mozart)
009	Turkish March (Advanced) (W.A. Mozart)
010	Ode to Joy (Basic) (L. v. Beethoven)
011	Ode to Joy (Advanced) (L. v. Beethoven)
012	The Entertainer (Basic) (S. Joplin)
013	The Entertainer (Advanced) (S. Joplin)
014	Londonderry Air (Basic) (Traditional)
015	Londonderry Air (Advanced) (Traditional)
016	The Last Rose of Summer (Basic) (Traditional)
017	The Last Rose of Summer (Advanced) (Traditional)
018	Amazing Grace (Basic) (Traditional)
019	Amazing Grace (Advanced) (Traditional)
Favorite	
020	Frère Jacques (Traditional)
021	Der Froschgesang (Traditional)
022	Aura Lee (Traditional)
023	London Bridge (Traditional)
024	Sur le pont d'Avignon (Traditional)
025	Nedelka (Traditional)
026	Aloha Oe (Q. Liliuokalani)
027	Sippin' Cider Through a Straw (Traditional)
028	Old Folks at Home (S. C. Foster)
029	Bury Me Not on the Lone Prairie (Traditional)
030	Cielito Lindo (Traditional)
031	Santa Lucia (A. Longo)
032	If You're Happy and You Know It (Traditional)
033	Beautiful Dreamer (S. C. Foster)
034	Greensleeves (Traditional)
035	Kalinka (Traditional)
036	Holdilia Cook (Traditional)
037	Ring de Banjo (S. C. Foster)
038	La Cucaracha (Traditional)
039	Funiculi Funicula (L. Denza)
040	Largo (from the New World) (A. Dvořák)
041	Brahms' Lullaby (J. Brahms)
042	Liebesträume Nr.3 (F. Liszt)
043	Pomp and Circumstance (E. Elgar)
044	Chanson du Toreador (G. Bizet)
045	Jupiter, the Bringer of Jollity (G. Holst)
046	The Polovetsian Dances (A. Borodin)
047	Die Moldau (B. Smetana)
048	Salut d'Amour op.12 (E. Elgar)
049	Humoresques (A. Dvořák)
050	Symphony No.9 (from the New World - 4th movement) (A. Dvořák)

Song No.	Song Name
Favorite with Style	
051	O du lieber Augustin (Traditional)
052	Mary Had a Little Lamb (Traditional)
053	When Irish Eyes Are Smiling (E. R. Ball)
054	Little Brown Jug (Traditional)
055	Ten Little Indians (Traditional)
056	On Top of Old Smoky (Traditional)
057	My Darling Clementine (Traditional)
058	Oh! Susanna (S. C. Foster)
059	Red River Valley (Traditional)
060	Turkey in the Straw (Traditional)
061	Muffin Man (R. A. King)
062	Pop Goes the Weasel (Traditional)
063	Grandfather's Clock (H. C. Work)
064	Camptown Races (S. C. Foster)
065	When the Saints Go Marching In (Traditional)
066	Yankee Doodle (Traditional)
067	Battle Hymn of the Republic (Traditional)
068	I've Been Working on the Railroad (Traditional)
069	American Patrol (F. W. Meacham)
070	Down by the Riverside (Traditional)
Instrument Master	
071	Sicilienne/Fauré (G. Fauré)
072	Swan Lake (P. I. Tchaikovsky)
073	Grand March (Aida) (G. Verdi)
074	Serenade for Strings in C major, op.48 (P. I. Tchaikovsky)
075	Pizzicato Polka (J. Strauss II)
076	Romance de Amor (Traditional)
077	Menuett BWV. Anh.114 (J. S. Bach)
078	Ave Verum Corpus (W. A. Mozart)
079	Radetzky March (J. Strauss I)
Piano Repertoire	
080	Wenn ich ein Vöglein wär (Traditional)
081	Die Lorelei (F. Silcher)
082	Home Sweet Home (H. R. Bishop)
083	Scarborough Fair (Traditional)
084	My Old Kentucky Home (Traditional)
085	Loch Lomond (Traditional)
086	Silent Night (F. Gruber)
087	Deck the Halls (Traditional)
088	O Christmas Tree (Traditional)
089	Sonata Pathétique 2nd Adagio Cantabile (L. v. Beethoven)
090	Ave Maria/J. S. Bach - Gounod (J. S. Bach / C. F. Gounod)
091	Jesus bleibet meine Freude (J. S. Bach)
092	Prelude op.28-15 "Raindrop" (F. Chopin)
093	Nocturne op.9-2 (F. Chopin)
094	Etude op.10-3 "Chanson de L'adieu" (F. Chopin)
095	Romanze (Serenade K.525) (W. A. Mozart)
096	Arabesque (J. F. Burgmüller)
097	La Chevaleresque (J. F. Burgmüller)
098	Für Elise (L. v. Beethoven)
099	Turkish March (W.A. Mozart)
100	24 Preludes op.28-7 (F. Chopin)
101	Annie Laurie (Traditional)
102	Jeanie with the Light Brown Hair (S. C. Foster)

Song No.	Special Appendix
Chord Study	
103–114	ChdStd01–ChdStd12
Chord Progression	
115–154	Maj1234–min1736

- Some songs have been edited for length or for ease in learning, and may not be exactly the same as the original.
- A song book (free downloadable scores) is available that includes scores for all internal songs (excepting Songs 1–3). To obtain the Song Book, complete the user registration at the following website.
<https://member.yamaha.com/myproduct/regist/>

Style List

Style No.	Style Name
8BEAT	
1	BritPopRock
2	8BeatModern
3	Cool8Beat
4	StadiumRock
5	70sRock
6	HardRock1
7	60sGuitarPop
8	8BeatAdria
9	60s8Beat
10	8Beat
11	OffBeat
12	Folkrock
13	60sRock
14	HardRock2
15	RockShuffle
16	8BeatRock
16BEAT	
17	16Beat
18	PopShuffle
19	GuitarPop
20	16BeatUptempo
21	KoolShuffle
22	HipHopLight
BALLAD	
23	70sGlamPiano
24	PianoBallad
25	LoveSong
26	6/8ModernEP
27	6/8SlowRock
28	OrganBallad
29	PopBallad
30	16BeatBallad
DANCE	
31	ClubBeat
32	Electronica
33	FunkyHouse
34	RetroClub
35	USHipHop
36	MellowHipHop
37	Chillout
38	EuroTrance
39	Ibiza
40	SwingHouse
41	Clubdance
42	ClubLatin
43	Garage1
44	Garage2
45	TechnoParty
46	UKPop
47	HipHopGroove
48	HipShuffle
49	HipHopPop
DISCO	
50	ModernDisco
51	70sDisco
52	LatinDisco
53	SaturdayNight
54	DiscoHands
SWING&JAZZ	
55	BigBandFast

Style No.	Style Name
56	BigBandBallad
57	AcousticJazz
58	AcidJazz
59	JazzClub
60	Swing1
61	Swing2
62	Five/Four
63	Dixieland
64	Ragtime
R&B	
65	BluesRock
66	Soul
67	DetroitPop
68	60sRock&Roll
69	6/8Soul
70	CrocoTwist
71	Rock&Roll
72	ComboBoogie
73	6/8Blues
COUNTRY	
74	CountryPop
75	CountrySwing
76	Country2/4
77	Bluegrass
LATIN	
78	BrazilianSamba
79	BossaNova
80	Forro
81	Sertanejo1
82	Sertanejo2
83	Baião
84	Joropo
85	Parranda
86	Reggaeton
87	Tijuana
88	PasoDuranguense
89	CumbiaGrupera
90	BaladaBanda
91	MexicanMambo
92	Mambo
93	Salsa
94	Beguine
95	Reggae
WORLD	
96	ScottishReel
97	4/4Standart
98	Rumba2/4
99	Saeidy
100	WehdaSaghira
101	IranianElec
102	Emarati
103	AfricanGospelReggae
104	HighLife
105	IndianPop
106	Bhangra
107	Bhajan
108	BollyMix
109	Tamil
110	Kerala
111	GoanPop
112	Rajasthan

Style No.	Style Name
113	Dandiya
114	Qawwali
115	FolkHills
116	ModernDangdut
117	Keroncong
118	XiQingLuoGu
119	YiZuMinGe
120	JingJuJieZou
BALLROOM	
121	VienneseWaltz
122	EnglishWaltz
123	Slowfox
124	Foxtrot
125	Quickstep
126	Tango
127	Pasodoble
128	Samba
129	ChaChaCha
130	Rumba
131	Jive
TRADITIONAL	
132	USMarch
133	6/8March
134	GermanMarch
135	PolkaPop
136	OberPolka
137	Tarantella
138	Showtune
139	ChristmasSwing
140	ChristmasWaltz
WALTZ	
141	SwingWaltz
142	JazzWaltz
143	ValsMexicano
144	CountryWaltz
145	OberkraienerWalzer
146	Musette
CHILDREN	
147	Learning2/4
148	Learning4/4
149	Learning6/8
PIANIST	
150	Stride
151	PianoSwing
152	PianoBoogie
153	Arpeggio
154	Habanera
155	SlowRock
156	8BeatPianoBallad
157	6/8PianoMarch
158	PianoWaltz

Music Database List

MDB No.	MDB Name
POP	
1	AlvFever
2	DayPdise
3	GoMyWay
4	HowDeep!
5	HurryLuv
6	Imagine
7	JustCall
8	SultanSw
9	WhitePle
10	YesterBd
ROCK	
11	JumpRock
12	PickUpPc
13	RdRiverR
14	SatsfyRk
15	Sheriff
16	SmokeWtr
17	TwistAgn
18	VenusPop
DANCE	
19	2 of Us
20	B Leave
21	Back St
22	Crockett
23	FunkyTwn
24	KillSoft
25	Nine PM
26	SingBack
27	StrandD
BALLAD	
28	AdelineB
29	CatMemry
30	ElvGhett
31	Feeling
32	Mn Rivr
33	OnMyMnd
34	OverRbow
35	ReleseMe
36	SavingLv
37	SmokyEye
38	WhisprBd
R & B	
39	AmazingG
40	BoogiePf
41	Clock Rk
42	CU later
43	HappyDay
44	RisingSn
45	ShookUp
46	TeddyBer

MDB No.	MDB Name
SWING & JAZZ	
47	ChooChoo
48	HighMoon
49	InMood
50	MistyBld
51	MoonLit
52	New York
53	SaintMch
54	ShearJz
55	TstHoney
56	USPatrol
EASY LISTENING	
57	Close2U
58	Entrtain
59	LuvStory
60	MyPrince
61	PupetStr
62	Raindrop
63	R'ticGtr
64	SingRain
65	SmallWld
66	SpkSoft
67	StrangeN
68	TimeGoes
69	WhiteXmas
70	WishStar
71	WondrWld
LATIN	
72	BambaLa
73	BeHappy!
74	CopaLola
75	DayNight
76	Ipanema
77	MuchoBgn
78	Sunshine
79	TicoSmb
80	WaveBosa
COUNTRY	
81	BoxerGtr
82	CntryRds
83	Jambala
84	TopWorld
85	YlwRose
BALLROOM	
86	BrazilBr
87	CheryApl
88	DanubeWv
89	TangoAc
90	Tea4Two
TRADITIONAL	
91	CampRace

MDB No.	MDB Name
92	CielPari
93	GrndClok
94	JinglBel
95	MickMrch
96	Showbiz
97	StarMrch
98	WashPost
99	SilentNt
100	YankDood

Effect Type List

Harmony Types

No.	Harmony Type	Description
001	Duet	If you want to sound one of the harmony types 01–05, play keys to the right side of the Split Point while playing chords in the left side of the keyboard after turning Auto Accompaniment on. One, two or three notes of harmony are automatically added to the note you play. When playing back a Song that includes chord data, harmony is applied whichever keys are played.
002	Trio	
003	Block	
004	Country	
005	Octave	
006	Trill 1/4 note	If you keep holding down two different notes, the notes alternate (in a trill) continuously.
007	Trill 1/6 note	
008	Trill 1/8 note	
009	Trill 1/12 note	
010	Trill 1/16 note	
011	Trill 1/24 note	
012	Trill 1/32 note	If you keep holding down a single note, the note is repeated continuously. (The repeat speed differs depending on the selected type.)
013	Tremolo 1/4 note	
014	Tremolo 1/6 note	
015	Tremolo 1/8 note	
016	Tremolo 1/12 note	
017	Tremolo 1/16 note	
018	Tremolo 1/24 note	If you keep holding down a note, echo is applied to the note played. (The echo speed differs depending on the selected type.)
019	Tremolo 1/32 note	
020	Echo 1/4 note	
021	Echo 1/6 note	
022	Echo 1/8 note	
023	Echo 1/12 note	
024	Echo 1/16 note	
025	Echo 1/24 note	
026	Echo 1/32 note	

Arpeggio Type List

Arpeggio No.	Arpeggio Name
027	UpOct
028	DownOct
029	UpDwnOct
030	SynArp1
031	SynArp2
032	SynArp3
033	SynArp4
034	SyncEcho
035	PulsLine
036	StepLine
037	Random
038	Down&Up

Arpeggio No.	Arpeggio Name
039	SuperArp
040	AcidLine
041	TekEcho
042	VelGruv
043	Planet
044	Trance1
045	Trance2
046	Trance3
047	ChordAlt
048	SynChrd1
049	SynChrd2
050	Syncopa

Arpeggio No.	Arpeggio Name
051	Hybrid1
052	Hybrid2
053	Hybrid3
054	Hybrid4
055	Hybrid5
056	PfArp1
057	PfArp2
058	PfArp3
059	PfArp4
060	PfClub1
061	PfClub2
062	PfBallad

Effect Type List

Arpeggio No.	Arpeggio Name
063	PfChd8th
064	EPArp
065	PfShuffle
066	PfRock
067	Clavi1
068	Clavi2
069	RocknPf
070	70RockPf
071	SlowflPf
072	SoulPf
073	ChordUp
074	ChdDance
075	LatinRck
076	Salsa1
077	Salsa2
078	Reggae1
079	Reggae2
080	Reggae3
081	6/8R&B
082	Gospel
083	BalladEP
084	Strum1
085	Strum2
086	Strum3
087	Strum4
088	Pickin1
089	Pickin2
090	Funky
091	GtrChrd1
092	GtrChrd2
093	GtrChrd3
094	GtrArp
095	FngrPck1
096	FngrPck2
097	CleanGtr
098	Slowfl
099	Samba1
100	Samba2
101	Spanish1
102	Spanish2
103	Harp1
104	Harp2
105	FngrBas1

Arpeggio No.	Arpeggio Name
106	FngrBas2
107	FngrBas3
108	CoolFunk
109	SlapBass
110	AcidBas1
111	AcidBas2
112	FunkyBas
113	CmbJazB1
114	CmbJazB2
115	CmbJazB3
116	NewR&BBs
117	HipHopBs
118	SmoothBs
119	DreamBas
120	TranceBs
121	LatinBas
122	Strings1
123	Strings2
124	Strings3
125	Strings4
126	StrngDwn
127	StrngUp
128	OrcheStr
129	Jupiter
130	Pizz1
131	Pizz2
132	BrasSec1
133	BrasSec2
134	BrasSec3
135	FunkBras
136	SoulReed
137	DiscoLd
138	SmoothPd
139	PercArp
140	Ethnic
141	Cresendo
142	DiscoCP
143	Perc1
144	Perc2
145	R&B
146	Funk1
147	Funk2
148	Funk3

Arpeggio No.	Arpeggio Name
149	Soul
150	CliscHip
151	Smooth
152	NewGospl
153	CmbJazz1
154	CmbJazz2
155	Bebop
156	JazzHop
157	FolkRock
158	Unpluggd
159	HipHop
160	Trance
161	Dream
162	2 Step
163	ClubHs1
164	ClubHs2
165	EuroTek
166	House
167	Ibiza1
168	Ibiza2
169	Ibiza3
170	Garage
171	Samba
172	African
173	Latin
174	China
175	Indian
176	Arabic

Reverb Types

No.	Reverb Type	Description
01–03	Hall 1–3	Concert hall reverb.
04–05	Room 1–2	Small room reverb.
06–07	Stage 1–2	Reverb for solo instruments.
08–09	Plate 1–2	Simulated steel plate reverb.
10	Off	No effect.

Chorus Types

No.	Chorus Type	Description
01–03	Chorus 1–3	Conventional chorus program with rich, warm chorusing.
04–05	Flanger 1–2	This produces a rich, animated wavering effect in the sound.
06	Off	No effect.

Specifications

Size/Weight	Dimensions (W x D x H)		945mm x 369mm x 122mm (37-3/16" x 14-1/2" x 4-13/16")	
	Weight		4.4kg (not including batteries) (9lbs., 11oz.)	
Keyboard	Number of Keys		61	
	Touch Response		Yes	
Display	Type		LCD display	
	Backlight		Yes	
	Language		English	
Voices	Tone Generation	Tone Generating Technology	AWM Stereo Sampling	
	Polyphony		Number of Polyphony (Max.)	32
	Preset	Number of Voices		196 panel Voices + 18 Drum/SFX kits + 20 Arpeggio + 339 XGlite Voices
	Compatibility			GM/XGlite
Effects	Types	Reverb	9 types	
		Chorus	5 types	
		Ultra-Wide Stereo	3 types	
		Master EQ	6 types	
		Harmony	26 types	
	Functions	Arpeggio	150 types	
		Melody Suppressor (for AUX IN)	Yes	
		Dual	Yes	
Accompaniment Styles	Preset	Split	Yes	
		Panel Sustain	Yes	
		Number of Preset Styles	158	
	External Styles	Yes		
Other Features	Music Database	100		
	One Touch Setting	Yes		
Recording/Playback (MIDI data only; audio not supported.)	Preset	Number of Preset Songs	154 (including Chord Study: 12, Chord Progression: 40)	
		Number of Songs	5	
		Number of Tracks	2	
	Compatible Data Format	Recording	Data Capacity	Approx. 10,000 notes
		Playback	SMF Formats 0 & 1	
Function	Lesson/Guide		[KEYS TO SUCCESS], [1 LISTENING 2 TIMING 3 WAITING], [PHRASE REPEAT], [A-B REPEAT], [CHORD DICTIONARY],[CHORD PROGRESSION]	
	Registration	Number of Buttons	9	
		Metronome	Yes	
	Overall	Tempo Range	11–280	
		Transpose	-12 to 0, 0 to +12	
		Tuning	427.0–440.0–453.0 Hz (approx. 0.2Hz increments)	
		Duo	Yes	
	Miscellaneous	Portable Grand Button	Yes	
Memory/Connectivity	Memory	Internal Memory	Approx. 1.7MB	
	Connectivity	USB TO HOST	Yes	
		DC IN	DC IN 12V	
		Headphones/Output	[PHONES/OUTPUT] x 1	
		Sustain Pedal	[SUSTAIN] x 1	
AUX IN (Stereo-mini)	Yes			
Amplifiers/Speakers	Amplifiers		2.5W + 2.5W	
	Speakers		12cm x 2	
Power Supply	Power Supply	Adaptor	Users within U.S or Europe: PA-130 or an equivalent recommended by Yamaha Others: PA-3C, PA-130 or an equivalent	
		Batteries	Six "AA" size alkaline (LR6), manganese (R6) or Ni-MH rechargeable batteries	
	Power Consumption		8W (When using PA-130 AC adaptor)	
	Auto Power Off Function		Yes	
Accessories	Included Accessories		<ul style="list-style-type: none"> • Music rest • Owner's Manual • AC adaptor * (PA-130 or an equivalent recommended by Yamaha) • Online Member Product Registration * May not be included depending on your particular area. Please check with your Yamaha dealer.	
	Optional Accessories		<ul style="list-style-type: none"> • AC adaptor: Users within U.S or Europe: PA-130 or an equivalent recommended by Yamaha • Others: PA-3C, PA-130 or an equivalent • Keyboard stand: L-2C • Headphones: HPE-150/HPE-30 • Footswitch: FC4A/FC5 • USB MIDI Interface for iPhone/iPod touch/iPad (i-UX1) 	

* The contents of this manual apply to the latest specifications as of the printing date. Since Yamaha makes continuous improvements to the product, this manual may not apply to the specifications of your particular product. To obtain the latest manual, access the Yamaha website then download the manual file. Since specifications, equipment or separately sold accessories may not be the same in every locale, please check with your Yamaha dealer.

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For the Power Adaptor with a Removable Plug

Do not remove the plug from the power adaptor. If the plug is removed accidentally, slide the plug into place without touching the metallic parts, and then push the plug in completely until it clicks.

EN

⚠ WARNING

- Make sure to keep the plug attached to the AC adaptor. Using the plug alone can cause electric shock or fire.
- Never touch the metallic section when attaching the plug. To avoid electric shock, short circuit or damage, also be careful that there is no dust between the AC adaptor and plug.

Adaptateur secteur avec fiche amovible

Ne retirez pas la fiche de l'adaptateur secteur. Si la fiche est retirée accidentellement, remettez-la en place sans toucher les parties métalliques et faites-la glisser complètement jusqu'à ce qu'un déclic se produise.

FR

⚠ AVERTISSEMENT

- Assurez-vous que la fiche reste fixée à l'adaptateur secteur. L'utilisation de la fiche seule risque de provoquer des électrocutions ou des incendies.
- Ne touchez jamais la partie métallique lorsque vous insérez la fiche. Afin d'éviter les risques d'électrocution, courts-circuits ou incidents, veillez également à ce que l'adaptateur secteur et la fiche ne soient pas encrassés par la poussière.

Para el adaptador de alimentación con un enchufe extraíble

No retire el enchufe del adaptador de alimentación. Si el enchufe se retira por accidente, vuelva a colocarlo en su lugar sin tocar los componentes metálicos y, a continuación, enchúfelo del todo hasta que se oiga un clic.

ES

⚠ ADVERTENCIA

- Asegúrese de mantener el enchufe conectado al adaptador de CA. Si se utiliza el enchufe solo, se puede producir una descarga eléctrica o un incendio.
- No toque nunca la sección metálica al conectar el enchufe. Para evitar descargas eléctricas, cortocircuitos o daños, fíjese en que no haya polvo entre el adaptador de CA y el enchufe.

Für den Netzadapter mit abziehbarem Stecker

Ziehen Sie den Stecker nicht vom Netzadapter ab. Sollte der Stecker unabsichtlich entfernt werden, schieben Sie den Stecker wieder hinein, ohne die Metallteile zu berühren, und drücken Sie ihn dann vollständig hinein, bis er einrastet.

DE

⚠ WARNUNG

- Stellen Sie sicher, dass der Stecker am Netzadapter angeschlossen bleibt. Die Verwendung des Steckers alleine kann zu elektrischen Schlägen oder einem Brand führen.
- Berühren Sie bitte niemals den Metallabschnitt, wenn Sie den Stecker befestigen. Um elektrische Schläge, Kurzschlüsse oder Beschädigungen zu vermeiden, achten Sie bitte darauf, dass sich zwischen Netzadapter und Stecker kein Staub angesammelt hat.

Para o adaptador de alimentação com plugue removível

Não remova o plugue do adaptador de alimentação. Se o plugue for removido acidentalmente, encaixe-o sem tocar nas partes metálicas e, em seguida, empurre-o para dentro completamente até ouvir um clique.

PT

⚠ ADVERTÊNCIAS

- Sempre mantenha o plugue conectado ao adaptador CA. O uso do plugue sozinho pode causar choque elétrico ou incêndio.
- Nunca toque na parte metálica ao conectar o plugue. Para evitar choque elétrico, curto-circuito ou danos, também tome cuidado para que não haja poeira entre o adaptador CA e o plugue.

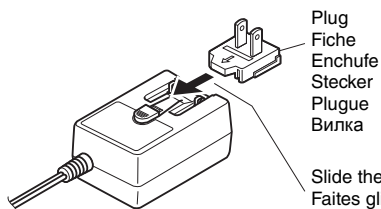
Для адаптера питания со съёмной вилкой

Не снимайте вилку с адаптера питания. Если вилка была снята случайно, надвиньте вилку на место, не прикасаясь к металлическим частям, и наденьте ее полностью, до щелчка.

RU

⚠ ПРЕДУПРЕЖДЕНИЕ

- Убедитесь, что вилка соединена с блоком питания. Использование вилки без блока питания может привести к поражению электрическим током или пожару.
- Не прикасайтесь к металлическим частям при подключении вилки. Во избежание поражения электрическим током, короткого замыкания или повреждения оборудования убедитесь, что между блоком питания и вилкой нет пыли.



Slide the plug as indicated
Faites glisser la fiche en suivant les indications
Deslice el enchufe tal como se indica.
Stecker wie angegeben einschieben
Deslize o plugue conforme indicado
Надвиньте вилку, как показано на рисунке

- * The shape of the plug differs depending on locale.
- * La forme de la fiche varie selon le pays.
- * La forma del enchufe varía según la región.
- * Die Form des Steckers variiert je nach Land.
- * O formato do plugue varia de acordo com a localidade.
- * В разных странах штепсельные вилки отличаются по форме.

OBSERVERA!

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

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

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

(standby)

Entsorgung leerer Batterien (nur innerhalb Deutschlands)

Leisten Sie einen Beitrag zum Umweltschutz. Verbrauchte Batterien oder Akkumulatoren dürfen nicht in den Hausmüll. Sie können bei einer Sammelstelle für Altbatterien bzw. Sondermüll abgegeben werden. Informieren Sie sich bei Ihrer Kommune.

(battery)

Information for Users on Collection and Disposal of Old Equipment and used Batteries

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.



By disposing of these products and batteries 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 and batteries, 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]

These symbols are 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.

**Note for the battery symbol (bottom two symbol examples):**

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

Cd

(weee_battery_eu_en_01)



LIMITED 1-YEAR WARRANTY ON PORTABLE KEYBOARDS

(NP, NPV, PSRE, EZ, DGX230, DGX530, YPG AND YPT SERIES)

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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:



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

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

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

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

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