YAMAHA

DIGITAL KEYBOARD

PSR-E333
YPT-330

Owner's Manual

GENERAL MIDI   XG XGlite   STYLE FILE   USB   TOUCH RESPONSE

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.
Before using the instrument, be sure to read "PRECAUTIONS" on pages 4–5.

EN

(US only)

YAMAHA

LIMITED 1-YEAR WARRANTY ON
PORTABLE KEYBOARDS
(NP, NPV, PSRE, YPG AND YPT SERIES)

Thank you for selecting a Yamaha product. Yamaha products are designed and manufactured to provide a high level of defect-free performance. Yamaha Corporation of America ("Yamaha") is proud of the experience and craftsmanship that goes into each and every Yamaha product. Yamaha sells its products through a network of reputable, specially authorized dealers and is pleased to offer you, the Original Owner, the following Limited Warranty, which applies only to products that have been (1) directly purchased from Yamaha's authorized dealers in the fifty states of the USA and District of Columbia (the "Warranted Area") and (2) used exclusively in the Warranted Area. Yamaha suggests that you read the Limited Warranty thoroughly, and invites you to contact your authorized Yamaha dealer or Yamaha Customer Service if you have any questions.

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

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

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

YAMAHA

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

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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)

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

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

⚠ *WARNING*

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

Power supply/AC power adaptor

- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use the specified adaptor (page 68) 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 containers on it containing liquids which might spill into any openings. If any liquid such as water seeps into the instrument, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.
- Never insert or remove an electric plug with wet hands.

Fire warning

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

Battery

- Always replace all batteries at the same time. Do not use new batteries together with old ones.
- Do not mix battery types, such as alkaline batteries with manganese batteries, or batteries from different makers, or different types of batteries from the same maker, since this can cause overheating, fire, 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 intended to be charged.
- Keep batteries away from children.
- 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.
- Always make sure all batteries are inserted in conformity with the +/- polarity markings. Failure to do so might result in overheating, fire, or battery fluid leakage.
- When the batteries run out, or if the instrument is not to be used for a long time, remove the batteries from the instrument to prevent possible leakage of the battery fluid.

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 power 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.

Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- Before moving the instrument, remove all connected cables.
- When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet. Even when the power switch is turned off, electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.
- Use only the stand specified for the instrument. When attaching the stand or rack, use the provided screws only. Failure to do so could cause damage to the internal components or result in the instrument falling over.

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.
- 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.

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

Even when the power 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 and Maintenance

- Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the instrument, TV, or radio may generate noise.
- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration, 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.
- When cleaning the instrument, use a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

■ Saving data

- Some data items (page 40) are automatically saved as backup data in the internal memory even if you turn the power off. Saved data may be lost due to malfunction or incorrect operation. Save important data to external device such as a computer (page 45).

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

Model No.

Serial No.

(bottom)

● About copyrights

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

● About functions/data bundled with the instrument

- 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.
- Windows is a registered trademark of Microsoft® Corporation in the United States and other countries.
- Apple, Mac and Macintosh are trademarks of Apple Inc., registered in the U.S. and other countries.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

DMI-3 2/2

About the Manuals

This instrument has the following documents and instructional materials.

■ Included Documents
Owner's Manual (this book)

■ Online Materials (Downloadable from the web)
The following instructional materials are available for downloading from the Yamaha website.

Yamaha Manual Library http://www.yamaha.co.jp/manual/
Access the Yamaha Manual Library, then enter your model name (PSR-E333, for example) in the Model Name area to search the manuals.

MIDI Data Format
This document contains both the MIDI Data Format and the MIDI Implementation Chart.

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

Yamaha Online Member https://member.yamaha.com/myproduct/regist/
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 above website.

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

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.

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

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).
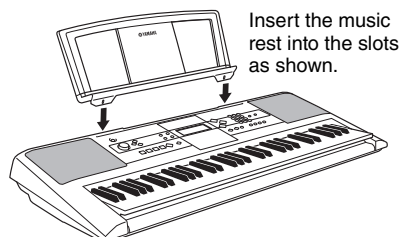
Touch Response
The exceptionally natural Touch Response feature, with a convenient front panel on/off switch, gives you maximum expressive level control over the voices.

Supplied Accessories

- Owner's manual (this book)
- Music rest
- AC Power Adaptor
  * May not be included depending on your particular area. Please check with your Yamaha dealer.
- My Yamaha Product User Registration
  * The PRODUCT ID on the sheet will be needed when you fill out the User Registration form.

Using the music rest

Insert the music rest into the slots as shown.

Contents

Setting Up

Be sure to do the following operations BEFORE turning on the power.

Power Requirements

Although the instrument will run either from an optional 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 Power Adaptor

1 Make sure that the [⏻] (Standby/On) switch of the instrument is off (the backlit display is off).
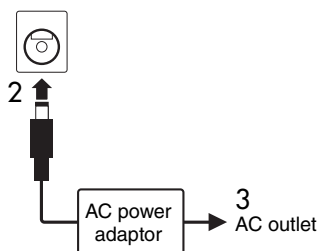
⚠ **WARNING**
- *Use the specified adaptor (page 68). The use of other adaptors may result in irreparable damage to both the adaptor and the instrument.*

2 Connect the AC power adaptor to the power supply jack.

3 Plug the AC adaptor into an AC outlet.

⚠ **CAUTION**
- *Unplug the AC Power Adaptor when not using the instrument, or during electrical storms.*

Using Batteries

1 Open the battery compartment cover located on the instrument's bottom panel.

2 Insert the six new alkaline batteries, being careful to follow the polarity markings on the side of the compartment.

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

NOTICE
- *Never connect or disconnect the AC power adaptor when the batteries are installed in the instrument and the power is on. Doing so will turn the power off, possibly resulting in loss of the data being transferred as well as the data currently in the transfer destination during transferring or recording of data.*
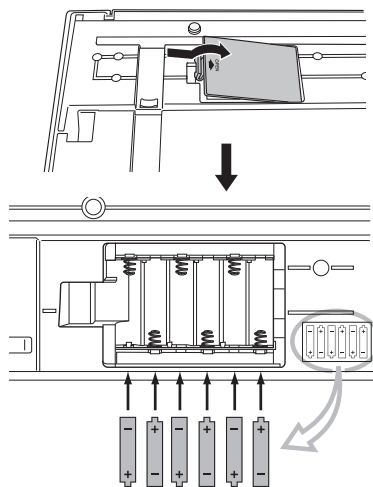
For battery operation the instrument requires six 1.5V "AA" size, LR6 or equivalent batteries. (Alkaline batteries are recommended.) When battery power becomes too low for proper operation, the volume may be reduced, the sound may be distorted, and other problems may occur. When this happens, make sure to replace all batteries, following the precautions listed below.
If necessary, also make sure to save all important User data (see page 45), since custom panel settings are lost when the batteries are removed.

⚠ **WARNING**
- *Make sure to install the batteries with the proper orientation, maintaining the correct polarity (as shown). Incorrect battery installation may result in heat, fire and/or leaking of corrosive chemicals.*
- *When the batteries run down, replace them with a complete set of six new batteries. NEVER mix old and new batteries. Do not use different kinds of batteries (e.g. alkaline and manganese) at the same time.*
- *If the instrument is not to be in use for a long time, remove the batteries from it, in order to prevent possible fluid leakage from the battery.*

NOTICE
- *Use alkaline batteries for this instrument. Other types of batteries (including rechargeable batteries) may have sudden drops of power when battery power becomes low, possibly resulting in loss of data in the flash memory.*
- *Please use the power adaptor when transferring data to flash memory. Batteries (including rechargeable types) can be drained rapidly by this type of operation. If the batteries do become drained during a data transfer, both the data being transferred and the data currently in the transfer destination will be lost.*

Make all necessary connections BEFORE turning the power on.

Connecting headphones and external audio equipment

You can connect the PHONES/OUTPUT jack to a set of headphones, keyboard amplifier, stereo system, mixer, tape recorder, or other line-level audio device to send the instrument's output signal to that device.

The internal speakers are automatically shut off when a plug is inserted into this jack. The PHONES/OUTPUT jack also functions as an external output.

NOTE
- *You can set the Master equalizer (EQ) which is provided to give you the best possible sound when listening through different reproduction systems. The Master equalizer (EQ) can be set in the Function settings (page 42 Function 023).*

⚠ *CAUTION*
- *Avoid listening with the headphones at high volume for long periods of time; doing so may not only result in ear fatigue, it may be damaging to your hearing.*

⚠ *CAUTION*
- *To prevent damage to the speakers, set the volume of the external devices at the minimum setting and turn power off the devices before connecting them. Failure to observe these precautions may result in electric shock or equipment damage. Also, be sure to set the volumes of all devices at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.*

Connecting a footswitch

The sustain function lets you produce a natural sustain as you play by pressing an optional footswitch. Plug the Yamaha FC4 or FC5 footswitch into the SUSTAIN jack and use it to switch sustain on and off.

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.*

Turn on the power

Turn down the volume by turning the [MASTER VOLUME] control to the left and press the [⏻] (Standby/On) switch to turn on the power. While playing the keyboard, adjust the volume level by using the [MASTER VOLUME] control. Pressing the [⏻] (Standby/On) switch again turns the power off.
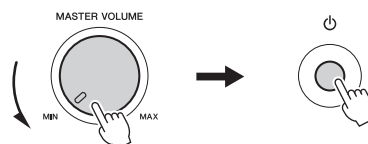
⚠ *CAUTION*
- *When using a power adaptor, even when the power is off, a small amount of electricity is still being consumed by the instrument. When you are not using the instrument for a long time, make sure to unplug the AC power adaptor from the wall AC outlet, and/or remove the batteries from the instrument.*

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 can be set in the Function (page 43 Function 040).

Setting range: 5/10/15/30/60/120/OFF (minutes)
Default setting: 30 (minutes)

To disable the Auto Power Off function
While holding down the lowest key, press the [⏻] (Standby/On) switch to turn on the power. Alternately select "Off" in the Function settings.
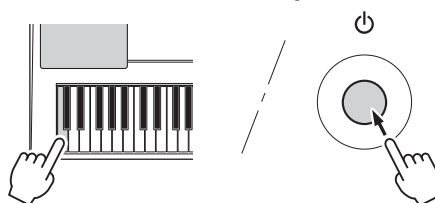
NOTE
- *The data and settings are always backed up, and are maintained even when the power is turned off. For information on the backup parameters, see page 40.*

Removing the protective film

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

Panel Controls and Terminals

Front Panel

❶ [⏻] (Standby/On) switch.....................................page 9
❷ [MASTER VOLUME] control ....page 9
❸ [1 LISTENING 2 TIMING 3 WAITING] button ....page 31
❹ [KEYS TO SUCCESS] button.............................page 28
❺ [PHRASE REPEAT] button ....page 33

In the Lesson mode

❻ PART
    [L] button ....page 32
    [R] button..page 32

In the Recording mode

❻ [REC TRACK 2] button.....................................page 37
    [REC TRACK 1] button.....................................page 37

❼ [METRONOME] button......................................page 35
❽ [TEMPO/TAP] button...page 35
❾ [SONG] button... pages 12, 25
❿ [VOICE] button .... pages 12, 14
⓫ [STYLE] button.. pages 12, 18
⓬ Number buttons [0]–[9], [+/YES], [-/NO]..........page 12
⓭ [FUNCTION] button...page 41
⓮ [DEMO/BGM] button ....page 26

In the Song mode

⓯ [A-B REPEAT] button..page 34
⓰ [REW] button ....page 27
⓱ [FF] button ....page 27
⓲ [PAUSE] button...page 27

In the Style mode

⓯ [ACMP ON/OFF] button ....page 19
⓰ [INTRO/ENDING/rit.] button..............................page 20
⓱ [MAIN/AUTO FILL] button.................................page 20
⓲ [SYNC START] button ....page 19

⓳ [START/STOP] button .... pages 12, 25
⓴ [REC] button..page 36
㉑ [PORTABLE GRAND] button ....page 15
㉒ [MUSIC DATABASE] button...............................page 24
㉓ [ULTRA-WIDE STEREO] button ....page 15
㉔ [SPLIT] button ....page 17
㉕ [DUAL] button..page 17
㉖ [HARMONY] button..page 16
㉗ [TOUCH] button..page 15
㉘ Drum Kit icons ....page 14

Rear Panel

㉙ SUSTAIN jack ....page 9
㉚ USB terminal ....page 44
㉛ PHONES/OUTPUT jack.......................................page 9
㉜ DC IN jack ....page 8

Front Panel

Music Database List
(page 65)

Voice List (page 58)

Display (page 13)　　**Song List** (page 66)　　**Style List** (page 64)

▲ PHONES/OUTPUT

▲ USB

▲ SUSTAIN

SONG
001 ~ TOP PICKS
004 ~ LEARN TO PLAY
020 ~ FAVORITE
051 ~ FAVORITE WITH STYLE
071 ~ INSTRUMENT MASTER
080 ~ PIANO REPERTOIRE
103 ~ USER SONG
108 ~ FLASH MEMORY

VOICE
001 ~ PIANO　　059 ~ CHOIR　　109 ~ WORLD
007 ~ E.PIANO　063 ~ SAXOPHONE　123 ~ DUAL
013 ~ ORGAN　　072 ~ TRUMPET　133 ~ SOUND
025 ~ ACCORDION　078 ~ BRASS　　　EFFECTS
029 ~ GUITAR　　084 ~ FLUTE　141 ~ DRUM KITS
039 ~ BASS　　　089 ~ SYNTH　154 ~ 497 XGlite
047 ~ STRINGS　101 ~ PERCUSSION 000 OTS

STYLE
001 ~ 8 BEAT　　059 ~ LATIN
011 ~ 16 BEAT　067 ~ BALLROOM
017 ~ BALLAD　078 ~ TRAD&WORLD
024 ~ DANCE　　090 ~ WALTZ
036 ~ DISCO　　095 ~ CHILDREN
040 ~ SWING&JAZZ 098 ~ PIANIST
048 ~ R&B　　　107　FLASH
055 ~ COUNTRY　　　　MEMORY

DATABASE
057 ~ EASY LISTENING
072 ~ LATIN
081 ~ COUNTRY
086 ~ BALLROOM
091 ~ 100 TRADITIONAL

⑦ METRONOME　⑧ TEMPO/TAP

TIME SIG.

⑥ LESSON　L PART R

REC TRACK 2 1

⑨ SONG

⑩ VOICE　SONG MELODY / VOICE

⑪ STYLE　STYLE VOLUME

⑫ [1] [2] [3] [4] [5] [6] [7] [8] [9] [−] [0] [+]

NO　YES

RESET

⑬ FUNCTION　⑭ DEMO/BGM

SONG VOLUME

VOICE
001 GrandPno
TOUCH
MEASURE 001

⑲ START/STOP　⑳ REC CLEAR

㉑ PORTABLE GRAND　㉒ MUSIC DATABASE　㉓ ULTRA-WIDE STEREO / TYPE

㉔ SPLIT / SPLIT VOICE　㉕ DUAL / DUAL VOICE　㉖ HARMONY / HARMONY TYPE　㉗ TOUCH / TOUCH SENSE

PRESS AND HOLD FOR A WHILE.

Rear Panel

㉙　㉚　㉛　㉜

C3 (Middle C)

METRONOME
TIME SIG.

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.

Basic Operation and Displays

Basic Operation

Press a button to select a basic function: Voice, Style or Song. To change the instrument voice that sounds when you play the keyboard, press the [VOICE] button. If you want to play along with auto accompaniment, press the [STYLE] button. If you want to listen to a song, press the [SONG] button.

3   Display (page 13)   1   2
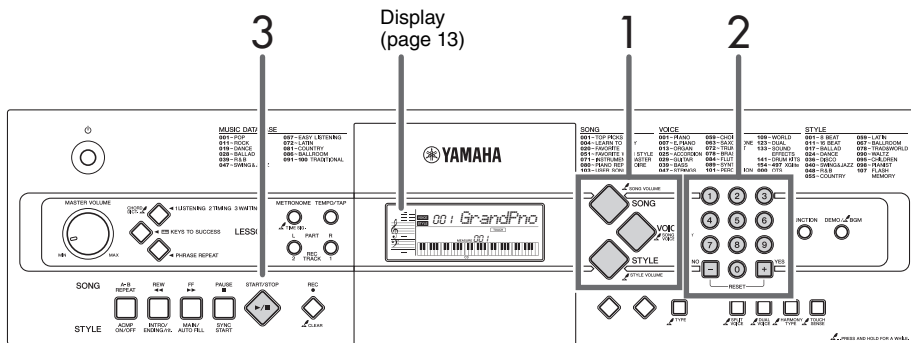
1 Select a basic function.

[SONG] button .... To select a Song.
[VOICE] button .... To select a Voice.
[STYLE] button............... To select a Style.

When you select a basic function, the name and number of the currently selected Song, Style or Voice is shown.
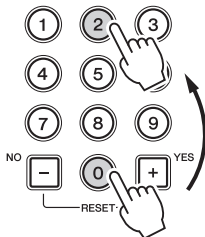
2 Select an item or value by using the number buttons [0]–[9], [+], [-].

Refer to the Song, Voice and Style Lists on pages 58–66.

Number buttons [0]–[9]
The number buttons can be used to directly enter a Song, Style or Voice number or parameter value. For numbers that start with one or two zeroes, the first zeroes can be omitted.
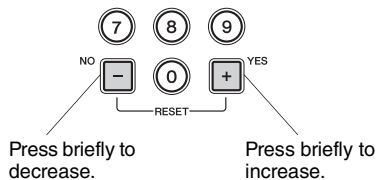
Example:
Selecting Voice 002, Bright Piano.

Press number buttons [0], [0], [2].

[+], [-] 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.

NO   YES

Press briefly to decrease.   Press briefly to increase.

3 Start a function or play the keyboard.

Voice .... Play the keyboard.
Song .... Press the [START/STOP] button to play Songs.
Style.............................. Press the [START/STOP] button to play the Style rhythm.

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

Display

The Main display shows all of the current basic settings for Song, Style and Voice. It also includes a range of indicators that show the on/off status for various functions.

SONG/VOICE/STYLE

Indicate the operating condition of the instrument (page 12).

SONG
VOICE
STYLE

Notation

Displays the melody and chord notes of a Song when the Song lesson function is in use, or the notes of chords you specify when the Dictionary function is in use. At other times the notes you play on the keyboard are displayed.

8va

8va

NOTE

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

KEYS TO SUCCESS

Appears when the Keys to Success function is on (page 28).

PHRASE REPEAT

Appears when the Phrase Repeat function is on (page 33).

PHRASE

Passing Status

Song: ☆
☆ ☆
☆☆
☆☆☆

The number of stars depends on the number of passed steps.

Step: ☆

TOUCH RESPONSE

Appears when Touch Response is on (page 15).

TOUCH

ULTRA-WIDE STEREO

Appears when ULTRA-WIDE STEREO is on (page 15).

WIDE

ACMP ON

Appears when the auto accompaniment is on (page 19).

ACMP ON

SPLIT

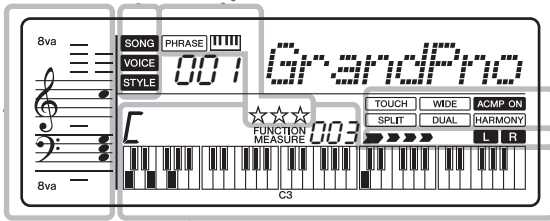Appears when the Split function is on (page 17).

SPLIT

DUAL

Appears when the Dual function is on (page 17).

DUAL

HARMONY

Appears when the Harmony function is on (page 16).

HARMONY

8va
SONG PHRASE
VOICE
STYLE
001 GrandPno
TOUCH WIDE ACMP ON
SPLIT DUAL HARMONY
☆☆☆
C
FUNCTION
MEASURE 003
L R
8va
C3

Chord Display

Indicates the name of the chord currently being played back, or the name of the chord being played on the keyboard.

Measure

Indicates the current measure during playback of a Song.

MEASURE 003

Function

Indicates the Function number when the Function is in use.

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.

Song/recording track display

Information related to the Song/recording tracks is shown here. (See pages 34 and 36.)

L R

R **Lit:** Track contains data

R **Unlit:** Track is muted or contains no data

R **Flashing:** Track is selected as recording track

Beat Display

Indicates the beat of the current Style or Song with flashing arrows.
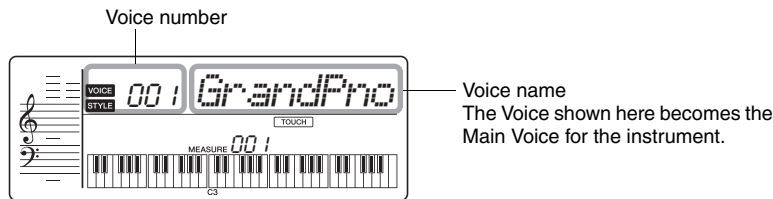
Try Playing a Variety of Instrument Voices

This instrument features a variety of realistic, built-in voices. The grand piano Voice is automatically selected whenever the power is turned on, but you can easily change this to guitar, drums, or any of an extensive range of voices.

Voice

Percussion and drum icons   Grand Piano Voice   Ultra-Wide Stereo   Touch Response
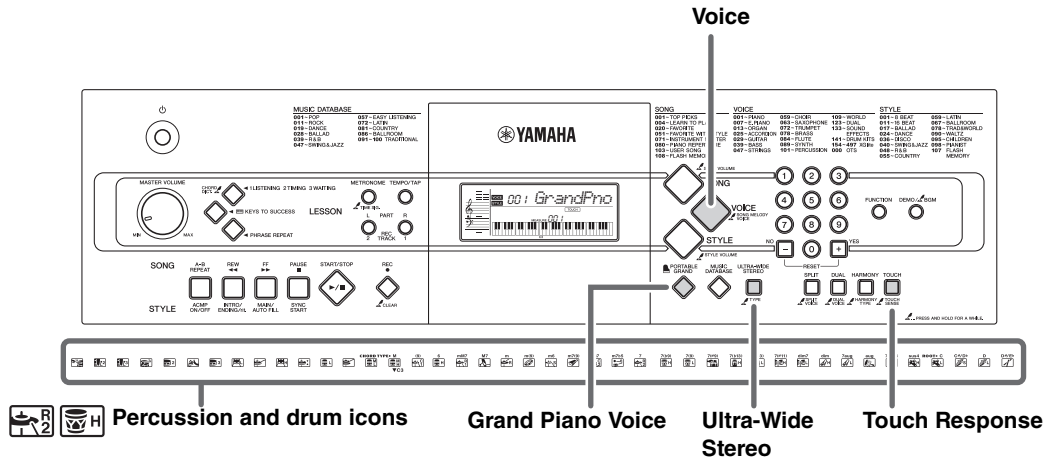
Select and Play a Voice

Press the [VOICE] button and then select the desired Voice, referring to the section "Basic Operation" on page 12 for instructions.
Refer to the Voice List on page 58.

Voice number

Voice name
The Voice shown here becomes the Main Voice for the instrument.

Preset Voice Types

001–140	Instrument Voices
141–153 (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 62.
154–497	XGlite Voices
000	**One Touch Setting (OTS)** The One Touch Setting feature automatically selects the most suitable Voice for you when you select a Style or Song. Simply select Voice number "000" to activate this feature.

Playing the Grand Piano Voice

When you simply want to play a piano Voice, all you have to do is press one convenient button.

Press the [PORTABLE GRAND] button.
The Voice "Grand Piano" will automatically be selected as the Main Voice.

Try playing with enhanced, dynamic sound (Ultra-Wide Stereo)

You can play the keyboard with a spacious, dynamic sound effect that gives you the sensation of hearing the sound outside of the speakers.
Turn on the Ultra-Wide Stereo effect, and hear the sound expand around you—as if the speaker position is outside of the instrument.

Press the [ULTRA-WIDE STEREO] button.

```
GrandPno
  TOUCH  WIDE
MEASURE 001
```
→ WIDE
Appears when Ultra-Wide Stereo is on.

To turn ULTRA-WIDE STEREO off, press the [ULTRA-WIDE STEREO] button again.

NOTE
- *The wide effect type can be set in the Function settings (page 42 Function 024).*
  SHORTCUT
  You can jump directly to the Functions Settings by pressing and holding the [ULTRA-WIDE STEREO] button for longer than a second.

Touch Response Sensitivity

Press the [TOUCH] button to turn Touch Response on. When Touch Response is on, you can control the volume of notes according to how hard you play the keys.
Touch Response is normally on.

```
GrandPno
  TOUCH
MEASURE 001
```
→ TOUCH
Appears when Touch Response is on.
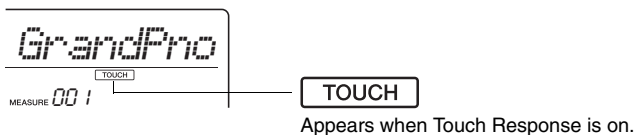
Press the [TOUCH] button again to turn Touch Response off. When Touch Response is off, the same volume will be produced no matter how hard you play the keys.

NOTE
- *The Touch Response function cannot be used for some Voices (such as organ), even if the Touch Response icon appears in the display.*
- *When Touch Response is on you can adjust the keyboard's sensitivity to dynamics in three steps in the Function settings (page 41 Function 006).*
  SHORTCUT
  You can jump directly to the Function settings by pressing and holding the [TOUCH] button for longer than a second.

Adding Harmony

This feature adds harmony notes as well as tremolo or echo effects to the Main Voice.

1 **Press the [HARMONY] button to turn Harmony on.**
When you don't want to add harmony notes, press the [HARMONY] button again to turn Harmony off.

SPLIT   DUAL   HARMONY   TOUCH

SPLIT VOICE   DUAL VOICE   HARMONY TYPE   TOUCH SENSE

GrandPno

TOUCH

MEASURE *001*
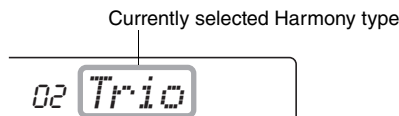
HARMONY

HARMONY
Appears when Harmony is on.

NOTE
- *When you press the [HARMONY] button to turn this feature on, the appropriate Harmony type for the currently selected Main Voice is automatically selected.*

2 **Press and hold the [HARMONY] button for longer than a second.**
"HarmType" appears in the display for a few seconds, followed by the Harmony Type.

Currently selected Harmony type

02 *Trio*

NOTE
- *You can also access the Harmony Type setting display by pressing the [FUNCTION] button several times (page 42 Function 025).*
- *Harmony will be turned off if the Chord Dictionary function is used.*

3 **Select a desired Harmony type by using the number buttons [0]–[9], [+], [-].**
Refer to the Harmony Type list on page 67.
Try playing the keyboard with the Harmony function. The effect and operation of each Harmony Type is different—refer to the section "How to sound each Harmony type" below as well as the Harmony Type list for details.

NOTE
- *The Harmony notes can be added only to the Main Voice, not to Dual or Split Voices.*
- *The keys left of the Split Point of the keyboard produce no Harmony notes when auto accompaniment is on (ACMP ON is lit).*

How to sound each Harmony type

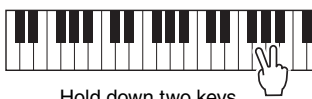• Harmony type 01–05

Press the right-hand keys while playing chords in the auto accompaniment range of the keyboard when auto accompaniment is on (page 19).
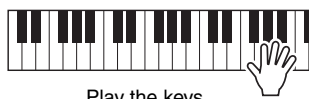
• Harmony type 13–19 (Tremolo)

Keep holding down the keys.

• Harmony type 06–12 (Trill)
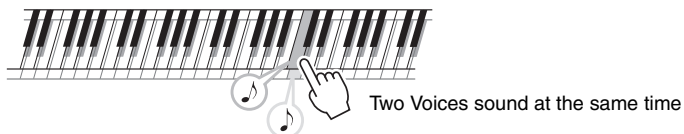
Hold down two keys.

• Harmony type 20–26 (Echo)

Play the keys.

You can adjust the Harmony Volume in the Function Settings (page 42 Function 026).
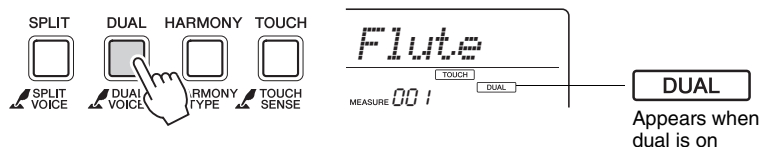
Playing Two Voices Simultaneously—Dual

You can select a second Voice which will play in addition to the Main Voice selected on page 12. This second Voice is known as the Dual Voice.

Two Voices sound at the same time

Press the [DUAL] button to turn the Dual function on.
When Dual is on, you can play a Dual Voice in a layer with the Main Voice.
To turn the Dual Voice off and play only the Main Voice, press the [DUAL] button again.

SPLIT DUAL HARMONY TOUCH

SPLIT VOICE   DUAL VOICE   HARMONY TYPE   TOUCH SENSE

Flute

TOUCH   DUAL

MEASURE *001*

DUAL
Appears when dual is on

NOTE
- *The Dual Voice setting can be changed in the Function settings (page 42 Function 011).*
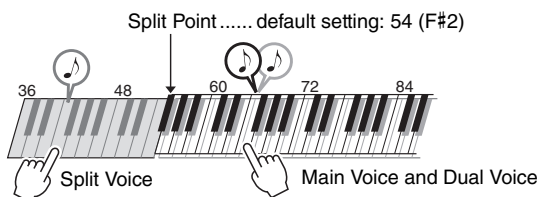
  SHORTCUT
  You can jump directly to the Function settings by pressing and holding the [DUAL] button for longer than a second.

- *When you select a Voice of the "DUAL" category (123–132), Dual is turned on automatically.*

Playing Different Voices with the Left and Right Hands—Split

In the Split mode you can play different Voices to the left and right of the keyboard "Split Point."
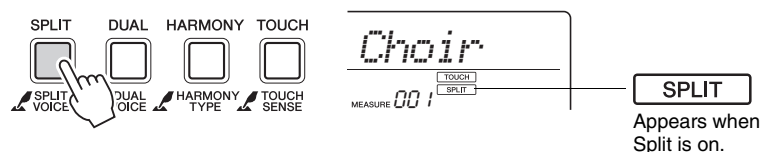The main and Dual Voices can be played to the right of the Split Point, while the Voice played to the left of the Split Point is known as the "Split Voice"

Split Point ...... default setting: 54 (F#2)

36   48   60   72   84

Split Voice   Main Voice and Dual Voice

Press the [SPLIT] button to turn the Split function on.
When Split is on you can play a Split Voice to the left of the Split Point.
When you don't want to play a Split Voice, press the [SPLIT] button to turn Split off.

SPLIT DUAL HARMONY TOUCH

SPLIT VOICE   DUAL VOICE   HARMONY TYPE   TOUCH SENSE

Choir

TOUCH   SPLIT

MEASURE *001*

SPLIT
Appears when Split is on.

NOTE
- *The Split Voice setting can be changed in the Function settings (page 42 Function 015).*

  SHORTCUT
  You can jump directly to the Function settings by pressing and holding the [SPLIT] button for longer than a second.

- *The Split Point setting can be changed in the Function Settings (page 41 Function 005).*

Adding other effects to the sound

You can also play the sounds of the instrument adding Reverb, Chorus and Sustain.
The best-suited Reverb and Chorus type is automatically selected whenever you select a Song or Style, but you can select any of the available Reverb or Chorus Types. These effects can be set in the Function settings (page 42). Refer to the Reverb and Chorus Type lists on page 67 for details.

Reverb .... This effect adds the ambience of a room or concert hall to the sound.
Chorus .... This effect makes the Voice sound richer, warmer and more spacious.
**Panel Sustain** .... This function adds a fixed sustain to the keyboard Voices.

The sustain function can also be applied with the optional footswitch (page 9).

Play with a Style

This instrument has an auto accompaniment feature that produces accompaniment (rhythm + bass + chords) in the style you choose to match chords you play with your left hand. You can select from 106 different styles covering a range of musical genres and time signatures.

Press the [STYLE] button to access the Style Functions (printed below).
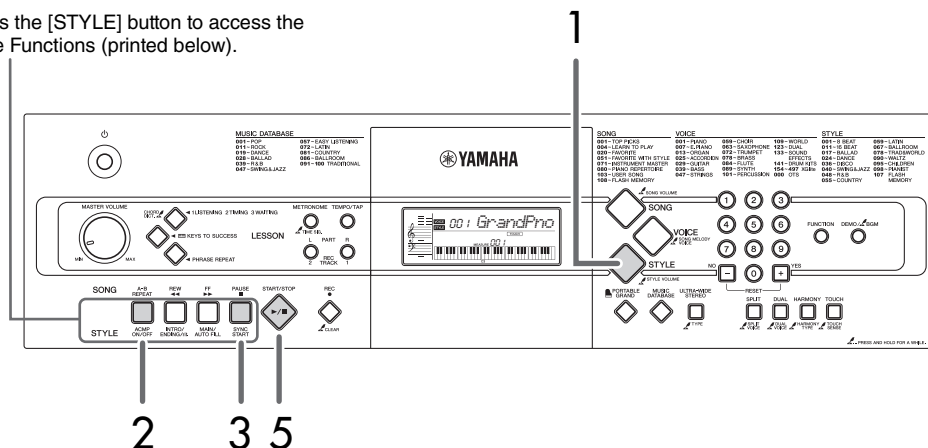
Select a Style Rhythm

Most Styles include a rhythm part. Let's begin by listening to just the basic rhythm. The rhythm part is played using percussion instruments only.

Press the [STYLE] button and then select the desired Style, referring to the section "Basic Operation" on page 12 for instructions.
Refer to the Style List on page 64.

Style number   Style name

$$001 \quad 8BtModrn$$

MEASURE 001
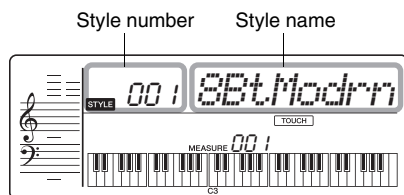
NOTE
• To adjust the tempo of the Style, see page 35.

Press the [START/STOP] button to play back the Style rhythm.
Press the [START/STOP] button a second time when you want to stop playback.

NOTE
• Since the Pianist category Styles (098–106) have no rhythm parts, no sound will be produced if you start rhythm-only playback.
To use these Styles, turn on the auto accompaniment and play the keyboard as described on page 19 (The bass and chord accompaniment parts will sound.)

Play Along with a Style

Here we'll see how to add bass and chord accompaniment to the basic rhythm to produce a full, rich accompaniment that you can play along with.

1 **Press the [STYLE] button and select the desired Style.**

For instructions on how to select a Style, see page 12.

2 **Press the [ACMP ON/OFF] button to turn automatic accompaniment on.**
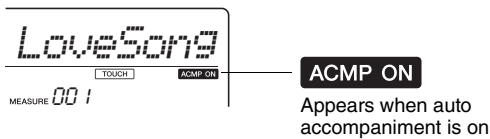
Pressing this button a second time will turn automatic accompaniment off.

LoveSong

MEASURE *001* TOUCH ACMP ON

ACMP ON

Appears when auto accompaniment is on

> **When auto accompaniment is on ...**
> The keys to the left of the Split Point (54; F♯2) will play only chords. This is known as the "Auto Accompaniment range."
>
> Split Point........default setting: 54 (F♯2)
>
> 36　　　　48　　　　60　　　72
>
> Auto Accompaniment range

3 **Press the [SYNC START] button to turn the Sync Start function on.**

STYLE *018 LoveSong*

MEASURE *001* TOUCH

Flashes when Sync Start is on.

4 **Start playing.**

Style playback will begin as soon as you play a chord in the Auto Accompaniment range of the keyboard. Try playing other chords with your left hand and play a melody with your right hand.

5 **Stop playing.**

Playback will stop as soon as you press the [START/STOP] button.

You can also stop playing by pressing the [INTRO/ENDING/rit.] button so that an appropriate ending pattern will play and then Style playback will stop (page 20).
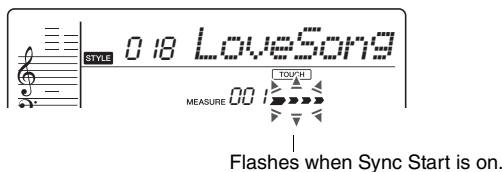
NOTE
- *You can also select commercially available Style Files. To do this load the Style Files from the computer to the instrument, and then register the style data starting with Style number 107 (page 46). If the Style File has not been registered, "No data" will be displayed when selecting Style number 107.*

NOTE
- *The Split Point setting can be changed in the Function settings (page 41 Function 005).*

NOTE
- *You can also press the [START/STOP] button to begin the rhythm of the selected Style. The bass and chords will begin playing as soon as you play a key in the Auto Accompaniment range of the keyboard.*

NOTE
- *The Style Volume can be adjusted in the Function settings (page 41 Function 001).*

  SHORTCUT
  You can jump directly to the Function settings by pressing and holding the [STYLE] button for longer than a second.

Pattern Variation (Sections)

The instrument features a wide variety of Style "Sections" (patterns) that allow you to vary the arrangement of the accompaniment to match the Song you are playing.

Adding an Intro

Pressing the [INTRO/ENDING/rit.] button before playing back the Style automatically adds a short introduction before starting the actual (Main) rhythm.
When the intro finishes playing, Style playback shifts to the Main Section.

Adding an Ending

Press the [INTRO/ENDING/rit.] button to begin playing an ending Section. Playback will stop when the ending has played all the way through.

If you press the [INTRO/ENDING/rit.] button a second time (while the ending is playing) the ending will play ritardando (the tempo will gradually get slower).

Switching Main Sections

There are two variations on the basic Section (A and B).
This switches between the Main A and Main B Sections, automatically playing a fill-in pattern to smoothly lead into the next Section.
You can also select either the Main A or B Section to start by pressing the [MAIN/AUTO FILL] button before starting the Style.

Adding a Fill-in

A Fill-in pattern is automatically added before changing to Section A or B.

STYLE   ACMP ON/OFF   INTRO/ ENDING/rit.   MAIN/ AUTO FILL   SYNC START

Recommended method for using Sections

■ **Setup**

1. **Press the [STYLE] button and then select a Style.**

2. **Press the [ACMP ON/OFF] button to turn auto accompaniment on.**

3. **Press the [INTRO/ENDING/rit.] button.**

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

5. **Press the [SYNC START] button to turn Sync Start on.**

You're now ready to play the intro.

■ **Start playing**

6. **As soon as you play a chord with your left hand, the Intro of the selected Style starts.**

7. **Press the [MAIN/AUTO FILL] button. (Switching Main Sections/Adding a Fill-in)**

■ **Ending**

8. **Press the [INTRO/ENDING/rit.] button. (Adding an Ending)**
   An appropriate ending Section will play and then Style playback will stop.

You can have the ending gradually slow down (ritardando) by pressing the [INTRO/ENDING/rit.] button again while the ending is playing back.

Chords

For users who are new to chords, this chart conveniently shows common chords for your reference. Since there are many useful chords and many different ways to use them musically, refer to commercially available chord books for further details. You can also look up chords using the Chord Dictionary function in this instrument (page 22).

★ 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.
- If you play a chord which does not exist, the name of chord is not shown in the display, and the Style plays back only rhythm and bass.

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"

C	Cm	C7	Cm7

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 essentially a built-in "chord dictionary" that shows you the individual notes of chords. This is convenient 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.**
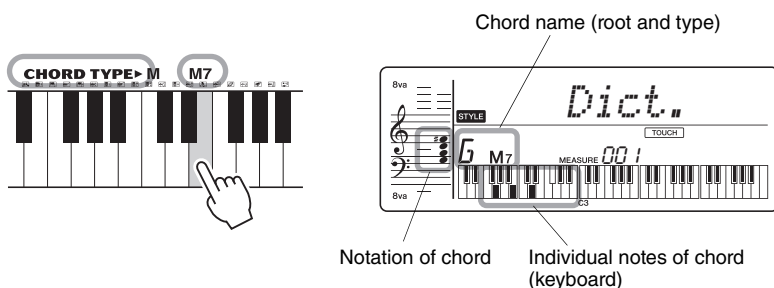
"Dict." will appear in the display.

CHORD DICT. ◄ 1 LISTENING 2 TIMING 3 WAITING

Hold for longer than a second.
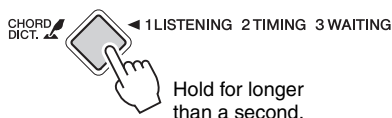
2 **As an example, we'll learn how to play a GM7 (G major seventh) chord. Press the "G" key in the section of the keyboard labeled "ROOT ► ." (The note doesn't sound.)**

The root note you set is shown in the display.

Keys for chord type dictionary   Keys for root dictionary

The highest key

ROOT ► C   G
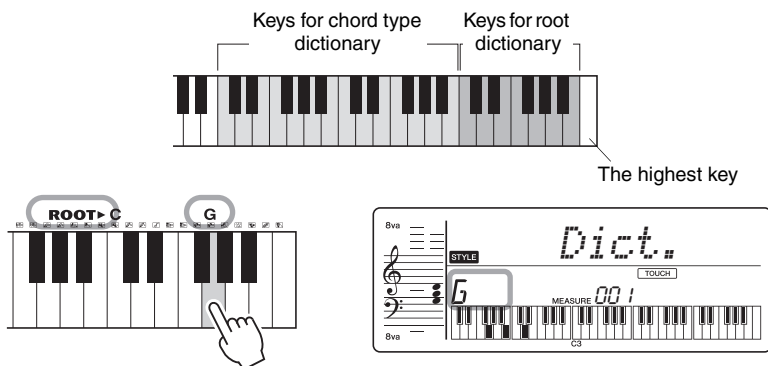
3 **Press the "M7" (major seventh) key in the section of the keyboard labeled "CHORD TYPE ► ." (The note doesn't sound.)**

The notes you should play for the specified chord (root note and chord type) are shown in the display, both as notation and in the keyboard diagram.

CHORD TYPE ► M   M7

Chord name (root and type)

Notation of chord   Individual notes of chord (keyboard)

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

4 **Try playing a chord in the auto accompaniment range (refer on page 19) of the keyboard, checking the indications in the display.**

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

NOTE
- *Major chords are usually indicated by the root name only. For example, the indication "C" in a score refers to a "C Major" chord. To look up the fingering for a major chord press the root key and then the M chord type key.*
- *These chords are not shown in the Chord Dictionary function: 6(9), M7(9), M7(#11), ♭5, M7♭5, M7aug, m7(11), mM7(9), mM7♭5, 7♭5, sus2*

Try Playing a Song with a Style!
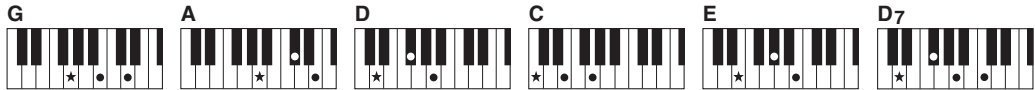
Let's try out the Song "Aura Lee." For information on how to play Styles using chords, see pages 19 and 20. Try playing chords with your left hand and play a melody with your right hand.
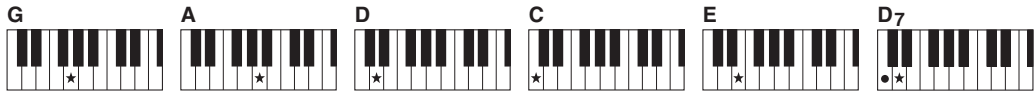
Practice
Aura Lee

Recommended Style: 018 Love Song
Recommended Voice: 047 String Ensemble

Composer: G. Poulton

Standard Chords

G   A   D   C   E   D₇

Easy Chords

G   A   D   C   E   D₇

Play Using the Music Database

You want to play music in your favorite style, but you're not sure how to select the best Voice and Style for the type of music you want to play, simply select the appropriate style from the Music Database. The panel settings will automatically be adjusted for the ideal combination of sounds and style!

1 Press the [MUSIC DATABASE] button.
A Music Database name will appear in the display.

MUSIC
DATABASE

001 AlvFever
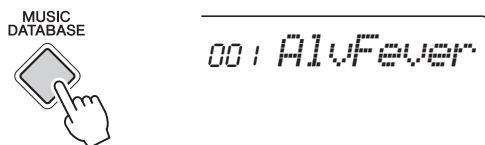
2 Select a Music Database.
Referring to the Music Database category list printed on the panel, select a Music Database that matches the image of the song you intend to play. For example, select one from the "SWING&JAZZ" category (047–056) if you want to play jazz.

NOTE
• Refer to the Music Database List on page 65.

MUSIC DATABASE

001~POP	057~EASY LISTENING
011~ROCK	072~LATIN
019~DANCE	081~COUNTRY
028~BALLAD	086~BALLROOM
039~R&B	091~100 TRADITIONAL
047~SWING&JAZZ	

051 MoonLit

MEASURE 001

3 Play the chords with your left hand and melody with your right.
A jazz Style will start playing when you play a left-hand chord to the left of the Split Point (page 19). Refer to page 21 for information about playing chords.

NOTE
• The Split Point setting can be changed in the Function settings (page 41 Function 005).

Split Point........default setting: 54 (F#2)

36   48   60   72
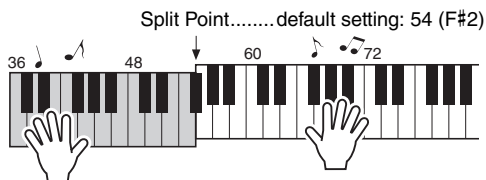
Press the [START/STOP] button to stop playback.
You can also stop playback by pressing the [INTRO/ENDING/rit.] button (page 20).

Playing Songs

This instrument has 102 built-in Songs. For this instrument, the term "Song" refers to the data that makes up a piece of music. Try selecting and listening to the various Songs.

Start/Stop   Song   DEMO/BGM
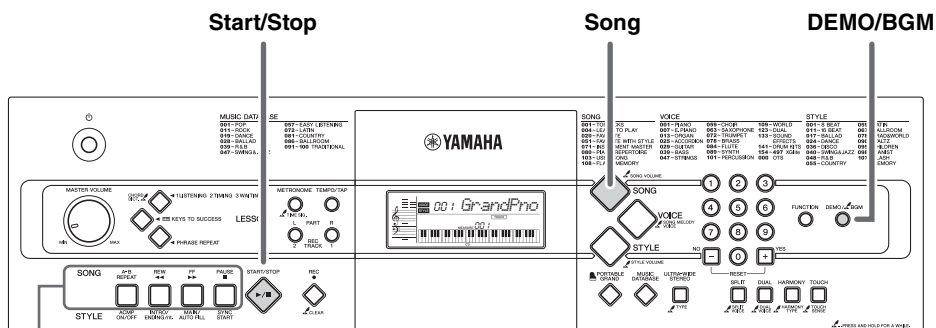
Press the [SONG] button to access the SONG functions (printed above the buttons).

Select and Listen to a Specific Song

Press the [SONG] button and then select the desired Song, referring to the section "Basic Operation" on page 12 for instructions.
Refer to the Song List on page 66.

Song number   Song name

Press the [START/STOP] button to play back the Song.
You can stop playback at any time by pressing the [START/STOP] button.

SONG

001~ TOP PICKS
004~ LEARN TO PLAY
020~ FAVORITE
051~ FAVORITE WITH STYLE
071~ INSTRUMENT MASTER
080~ PIANO REPERTOIRE
103~ USER SONG
108~ FLASH MEMORY

These demonstration songs showcase the various sounds of the instrument.
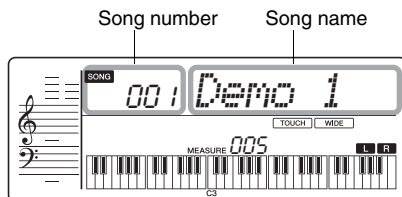
Each of these songs has two variations: an easy one which even beginners can practice with ease, and another more challenging version.

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.

Listening to the Demo Songs

Press the [DEMO] button.

Songs 001, 002, 003 play in sequence, and playback will continue repeatedly starting again from the first Song 001.
You can stop playback at any time by pressing the [DEMO] or [START/STOP] button.

BGM Playback

With the default setting only a few of the internal songs are played back and repeated when the [DEMO/BGM] button is pressed. This setting can be changed so that all internal songs are played, or all songs transferred to the instrument from a computer are played.
Four playback group settings are provided. Simply select the one that suits your needs.

1 **Press and hold the [DEMO/BGM] button for longer than a second.**

"DemoGrp" will appear in the display for a few seconds, then the currently selected repeat playback target will be displayed.

DEMO/ BGM

Hold for longer than a second.

NOTE
• *You can also set the demo group in the Function settings (page 43 Function 037).*

2 **Use the [+] or [-] button to select a repeat playback group from the table below.**

Demo	Preset songs (001–003)
Preset	All preset songs (001–102)
User	All User songs (103–107)
Download	All songs transferred from a computer (108–)

NOTE
• *When User songs and Download songs data do not exist, Demo songs are played back.*

3 **Press the [DEMO/BGM] button.**
The songs in the group selected play in sequence.
You can stop playback at any time by pressing the [DEMO] or [START/STOP] button.

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

Random Song Playback

The Random Play mode causes the songs in the group selected for BGM playback to be played back in random order. (Demo group Songs [Preset Songs 001–003] cannot be played at random.)

The setting of the Random Play mode can be set in the Function settings (page 43 Function 038).

Song Fast Forward, Fast Reverse, and Pause

These are just like the transport controls on a cassette deck or CD player, letting you fast forward (FF), rewind (REW) and pause (PAUSE) playback of the song.

SONG | A-B REPEAT | REW ◄◄ | FF ►► | PAUSE ❚❚ | START/STOP ►/■
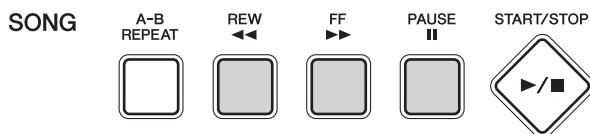
[REW] button .... Fast-reverses the Song if pressed during playback (no sound is heard during fast reverse). Decreases the measure number if pressed while playback is stopped.

[FF] button............ Fast-forwards the Song if pressed during playback. Increases the measure number if pressed while playback is stopped.

[PAUSE] button ..... Temporarily stops playback. Press this button a second time to resume playback from the point at which it was stopped.

NOTE
- *When an A-B repeat (page 34) range is specified the fast reverse and forward function will only work within that range.*

NOTE
- *[REW], [FF] and [PAUSE] button cannot be used during Song playback by using the [DEMO/BGM] button.*

Changing the Melody Voice

You can change a Song's melody Voice to any other Voice you prefer.

1 **Select the Song and play it.**
Refer to the section "Basic Operation" on page 12.

2 **Select a desired Voice by using the number buttons [0]–[9], [+], [-].**
The selected Voice sounds when you play the keyboard.

```
8va
SONG
VOICE   004 HnkyTonk
                        TOUCH
```
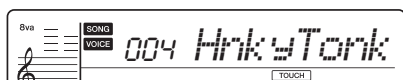
3 **Press and hold the [VOICE] button for longer than a second.**
"SONG MELODY VOICE" appears in the display for a few seconds, indicating that the Voice selected in Step 2 has replaced the Song's original melody Voice.

VOICE
SONG MELODY VOICE

Hold for longer than a second.

NOTE
- *You cannot change the melody Voice of a User Song.*
- *When you select a Voice of the DUAL category (123–132), only the Voice whose MIDI program change number is indicated in the Voice List (page 59) is played.*

NOTE
- *If a Song has played through and stopped during this procedure, press the [START/STOP] button to start playback again.*

Using the 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 then 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/

Keys to Success

In the "Keys to Success" mode, you can practice individual phrases in the Song (as "Steps"), letting you effectively master the Song by mastering each phrase separately. Each time you finish a specific Step, your score is shown in the display. Passing one Step (with a score of 60 or better) lets you go on to next one automatically. All preset Songs other than 001–003 can be used with this mode, especially the "LEARN TO PLAY" category Songs (004–019).
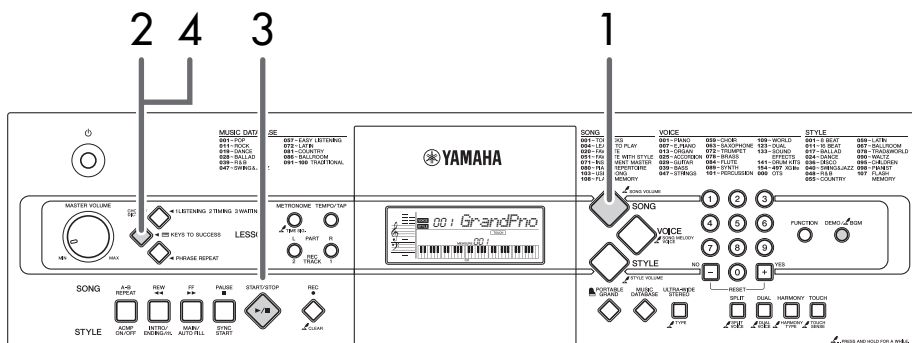
1 **Select a song for your lesson.**

For this example we'll select song "Für Elise (Basic)" from the "LEARN TO PLAY" category. For instructions on how to select a Song, see page 12.

2 **Turn Keys to Success on.**

Pressing the [KEYS TO SUCCESS] button turns the Keys to Success feature on, and a Step of the Song is automatically selected for your practice. The currently selected Step number and the lesson parts are shown in the display.

Appears when Keys to Success is on

Current Step number

Lesson part
R : Right-hand lesson
L : Left-hand lesson
LR : Both-hands lesson
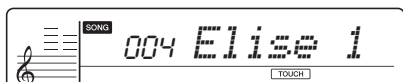
NOTE
- *The score for "Für Elise (Basic)" is provided on page 48.*
- *Song numbers 001 to 003 cannot be used for the Lesson feature. If you select one of these Songs, "NoLesson" is shown in the display.*

NOTE
- *The total number of Steps varies depending on the Song.*
- *Each lesson part varies depending on the Steps.*
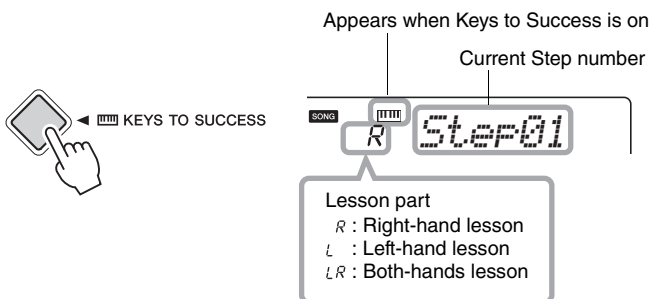
3 **Start the Lesson.**

Press the [START/STOP] button to start Lesson. After the lead-in, Step 01 of the song starts automatically, and the appropriate notes appear in the display.
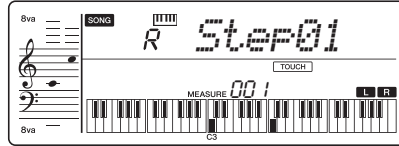
You can start playing along on the keyboard as soon as the lead-in finishes. The score marker and keyboard marker in the display will indicate the notes to play.

Each time you have practiced all the way through a Step, your performance will be evaluated and your score (from 0–100) is shown in the display.

☆
Displayed when you've passed the Step.
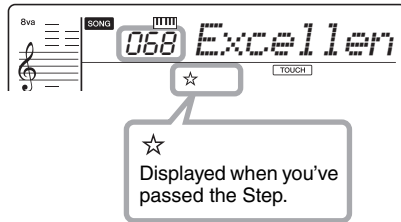
Score of 0–59	Try the same Step again. The same Step begins automatically.
Score of 60–100	You passed! The next Step begins automatically.

You can select another Step as desired by using the [+]/[-] buttons.

All songs have a finishing Step, and in that Step, you will practice all the way thorough the song which you have selected as a lesson Song in Step 1. When you pass all Steps, the Keys to Success mode will automatically be turned off and playback stops.
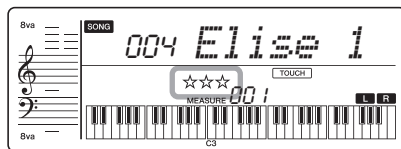
4 **Stop Lesson.**

You can stop the Lesson at any time by pressing the [KEYS TO SUCCESS] button.

Entering and Clearing the Passing Status

■ Entering

Passing status will automatically be entered and shown in the display when the Step or Song is selected. You can recognize at a glance whether or not you've passed the selected Step or Song.

When Step is selected

☆: Passed
No information: Not yet passed

When Song is selected
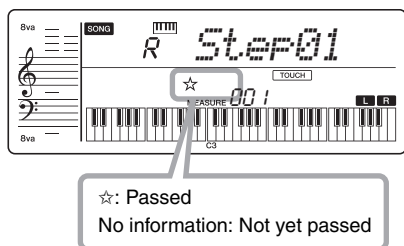
☆	: There are one or more Steps not yet passed in addition to the last Step
☆ ☆	: Only last Step passed
☆☆	: All Steps passed other than last Step
☆☆☆	: All Steps passed
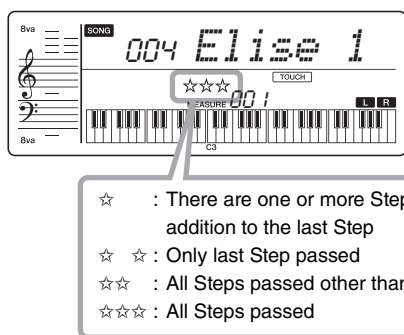
■ Clearing

You can clear existing passing status entries. Select the desired Song or Step for clearing the passing status and hold the [KEYS TO SUCCESS] button for longer than three seconds. After the passing status has been cleared, a "Cleared" message will appear on the display. Once the operation has been completed, no information will appear even when selecting the Song or Step.

◄ KEYS TO SUCCESS

Hold for longer than three seconds

Cleared
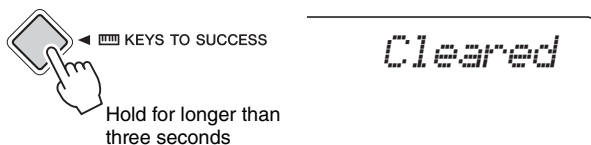
NOTE
- *You cannot clear any entries during Song or Step playback. If a Song or Step is currently being played back, stop playback first.*
- *Deleting the recorded Song will delete all Step passing status entries as well.*

Listening, Timing and Waiting

You can select any Song you like and use it for a left-hand, right-hand, or both-hands lesson. Song Lesson lets you learn how to play Songs in three easy steps.

The Lesson modes:

■ 1 Listening

There's no need to play the keyboard in this mode. The model melody/chords (in other words, the musical material you should learn) of the part you selected will sound. Listen to it carefully and learn it well.
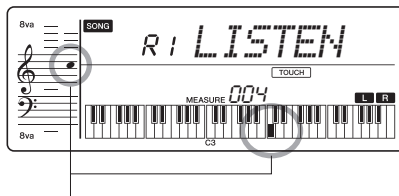
The notation and key positions of the model melody are shown in the display.

■ 2 Timing

In this mode, try playing the notes with the correct timing. Simply concentrate on playing each note in time with the rhythmic accompaniment. The correct notes sound even if you play wrong notes as long as you play in time with the rhythm. Play the notes shown in the display.
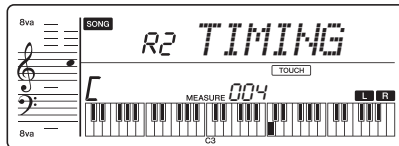
■ 3 Waiting

In this mode, try playing the correct notes. The notes you should play appear in the score and the keyboard on the display. The Song pauses until you play the right note. Song playback tempo will vary to match the speed you are playing at. The song will slow down when you play wrong notes, so you can learn at your own pace and tempo.
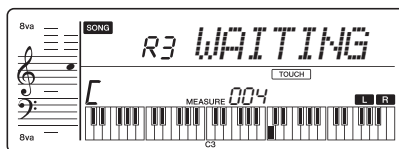
NOTE
- *Songs that can be used with the Lesson feature include Songs transferred from a computer to flash memory (SMF Format 0 only; see page 45). The procedure for transferring songs are described on page 45.*
- *User Songs cannot be used for the lesson.*

NOTE
- *When you don't want to change the Song playback tempo, or you want to learn using the original tempo, you can change the setting in the Function settings (page 43 Function 036).*

Lesson Operation

1 Select the desired Song for your lesson.
For instructions on how to select a Song, see page 12.

2 Select the part you want to practice.
Press the [R] button for a right-hand lesson, [L] button for a left-hand lesson, or press both the [R] and [L] buttons simultaneously for a both-hands lesson.
The selected part is displayed.

Left-hand lesson
Left

Right-hand lesson
Right

Both-hands lesson
BothHand
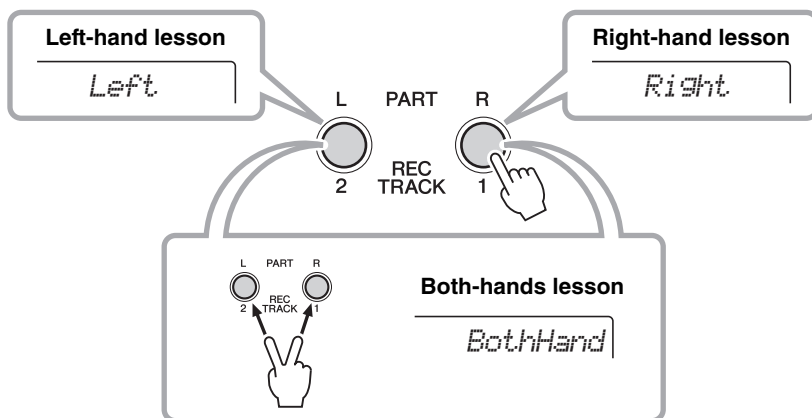
NOTE
- *The following songs are intended for use as right-hand lessons, and cannot be used for left-hand or both-hands lessons. If you select a right-hand lesson Song, a "No LPart" message is shown in the display.*
  Song numbers:
  020–050, 071–076, 079
- *For songs transferred from a computer, the "No LPart" indication does not appear, even when there is no left hand part in the song.*

3 Select the Lesson mode.
Each time the [1 LISTENING 2 TIMING 3 WAITING] button is pressed the lesson modes are selected in sequence: 1 Listening → 2 Timing → 3 Waiting → Off → 1 Listening ...etc. The currently selected Lesson mode is shown in the display.

CHORD DICT. ◄ 1 LISTENING 2 TIMING 3 WAITING
◄ [ ]'S TO SUCCESS
◄ PHRASE REPEAT
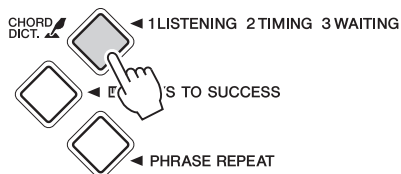
NOTE
- *When the melody Voice of the Song is changed, the key position shown in the display may be shifted (in octave units), depending on the Voice selected.*

NOTE
- *You can select Lesson modes by repeatedly pressing the [1 LISTENING 2 TIMING 3 WAITING] button.*

4 Start Lesson.
Song playback will begin automatically when you select the Lesson mode, and the appropriate notes appear in the display.

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

NOTE
- *You cannot use Dual or Split Voices during lessons.*
- *The Split Point is fixed and it cannot be changed. For the left-hand lesson, it is fixed at 59 or B2; for the left-hand chord lesson, it is fixed at 54 or F#2.*

Grade

When the Lesson Song has played all the way through in Lesson mode "2 Timing" or "3 Waiting," your performance will be evaluated in four levels: OK, Good, Very Good, or Excellent.

Phrase Repeat

This function allows you to repeatedly practice difficult phrases, by selecting a phrase and repeatedly play it back. You can also mute one of the parts, and practice just the other part repeatedly. The specified phrase can also be practiced along with the Lesson modes "1 Listening," "2 Timing" or "3 Waiting" described on page 31.

Phrase mark

Repeat playback of this section
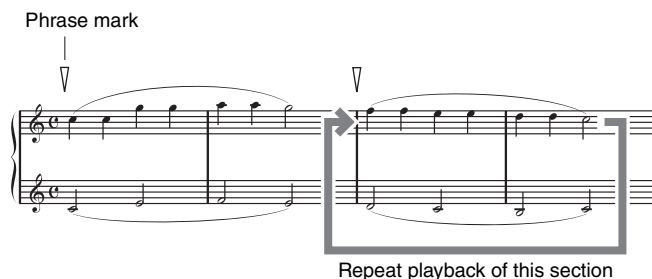
Play the Song and press the [PHRASE REPEAT] button at the phrase you want to repeat. The appropriate phrase number will appear in the display and, after a lead-in, repeat playback will start.

Appears when the Phrase Repeat function is on

PHRASE REPEAT
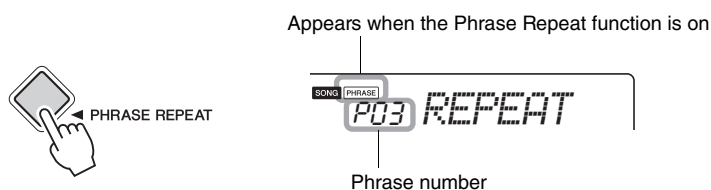
Phrase number

Use the [+] or [-] buttons to select any phrase number in the Song, and stop repeat playback by pressing the [PHRASE REPEAT] button. The Phrase Repeat mode will be canceled and normal playback of the Song will continue.

Specifying extended, multiple phrases

You can specify an extended section for repeating (including multiple phrases) by specifying a beginning phrase (point A) and ending phrase (point B), using the [A-B REPEAT] button. You can do this either during playback or while playback is stopped.

Press the [A-B REPEAT] button at the beginning phrase of the section you want to repeat (point A), use the [+]/[-] buttons to select the subsequent phrases you wish to include in the repeat, then press the [A-B REPEAT] button a second time. This specifies the last phrase selected as the end phrase (point B) for Phrase Repeat playback. "REPEAT" will appear on the display and the specified A-B section of the Song will now play repeatedly. (If playback is stopped, press the [START/STOP] button to start.)

Stop A-B Repeat playback by pressing the [PHRASE REPEAT] button. "REPEAT" will appear on the display and the currently selected phrase will play-back repeatedly.

NOTE
- *When you want to turn the Phrase Repeat function on, please make sure that the Keys to Success mode is off, since Phrase Repeat is not available in the Keys to Success mode.*
- *When you want to change the Song, first turn off the Phrase Repeat function then select the Song.*

NOTE
- *If you use the Phrase Repeat function with the Lesson modes "1 Listening," "2 Timing" or "3 Waiting", the evaluation function of these Lesson modes is not available. When you want to turn these Lesson modes off, press the [1 LISTENING 2 TIMING 3 WAITING] button a number of times to select off ("Phrase number" will appear in the display).*

NOTE
- *Specifying only Point A results in repeat playback between Point A and the end of the Song.*

A-B Repeat

This function lets you specify a section of a Song—"A" is the start point and "B" is the end point—for repeat playback.

```
        A                              B
   - - - - - |-----|---->-|-----|-----|- - - -
        |                              |
        <------------------------------
```

Repeat playback of this section
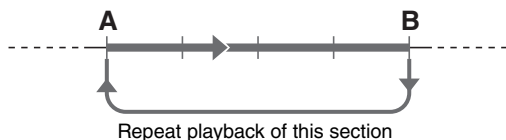
Play the Song and press the [A-B REPEAT] button at the beginning of the section you want to repeat (the "A" point), then press the [A-B REPEAT] button a second time at the end of the section you want to repeat (the "B" point). The specified A-B section of the Song will now play repeatedly.

SONG   A-B   REW   FF   PAUSE
        REPEAT   ◄◄   ►►   ❚❚   A-b REPEAT
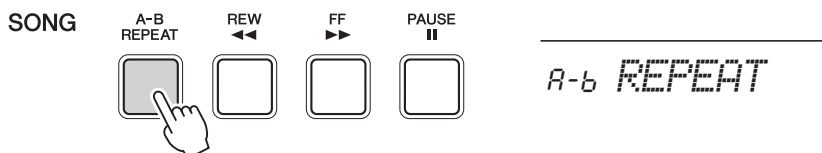
NOTE
- *The repeat start and end points can be specified in one-measure increments.*
- *You can also set the A-B Repeat function when the Song is stopped. Simply use the [REW] and [FF] buttons to select the desired measures, pressing the [A-B REPEAT] button for each point, then start playback.*
- *If you want to set the start point "A" at the very beginning of the Song press the [A-B REPEAT] button before starting playback of the Song.*

You can stop repeat playback at any time by pressing the [A-B REPEAT] button. An "oFF REPEAT" message appears on the display. The A-B REPEAT mode will be canceled and normal playback of the Song will continue.

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

Mute

The Song is made up by several tracks.
You can mute Track 1 or Track 2 during Song playback. You can turn the left- and right-hand parts on or off as desired, allowing you to listen to the corresponding part (the part that is turned on), or practice the corresponding part (the part that is turned off) on the keyboard.

- Track 1 can be muted by pressing the [REC TRACK 1] button during Song playback.
- Track 2 or style track can be muted by pressing the [REC TRACK 2] button during Song playback.

You can cancel the mute function by pressing the corresponding track buttons, [TRACK 1] or [TRACK 2] again during Song playback, or by selecting any other Song.

```
    L     PART    R

    ( )           ( )
    2     REC     1
         TRACK
```
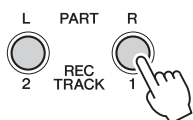
Pressing one of the Track buttons [TRACK 1] or [TRACK 2] will mute the corresponding track during Song playback.

```
8va    SONG
       020 FrereJac
                  TOUCH
              MEASURE 010
8va                              L R
       C3
```
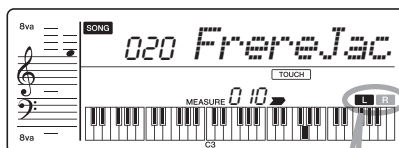
Lit: Track contains data.   Unlit: Track is muted or contains no data.

Using the Metronome

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

Press the [METRONOME] button to start the metronome.

To stop the metronome, press the [METRONOME] button again.

METRONOME

TIME S

You can adjust the metronome tempo by pressing the [TEMPO/TAP] button (see next section).

NOTE
- *You can set the time signature and the volume of the Metronome (page 43 Function 031–033).*

  SHORTCUT
  You can jump directly to the Function settings by pressing and holding the [METRONOME] button for longer than a second.

NOTE
- *The metronome time signature will synchronize to a style or song that is playing, so these parameters cannot be changed while a style or song is playing.*

Changing the Tempo

Songs and Styles can be played at any tempo you desire—fast or slow.

1 **Press the [TEMPO/TAP] button to call up the Tempo setting in the display.**

Current Tempo value

TEMPO/TAP

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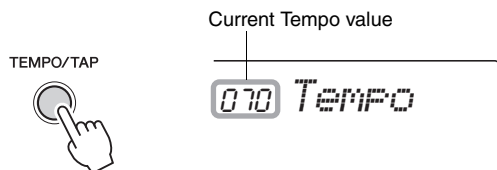
2 **Set the Tempo by using the number buttons [0]–[9], [+], [-].**

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

Tap Start

You can supply a count-in at any tempo you like to start playback. Simply tap the [TEMPO/TAP] button at any tempo—four times for time signatures in 4, and three times for time signatures in 3—and the selected Song and Style rhythm will begin playing at the tapped tempo.

TEMPO/TAP

You can change the tempo during Song or Style playback by pressing the button just twice.

NOTE
- *In the case of a Style, the selected Style rhythm will begin playing at first. The bass and chords will begin playing as soon as you play a chord in the auto accompaniment range of the keyboard (when auto accompaniment is on).*
- *Tap tempo setting range: 32–280*

Record Your Own Performance

You can record up to five of your own performances as User Songs (User 1–5: Song numbers 103–107). Think of each User Song as a kind of basket or drawer for storing your recordings. Remember that you can also record a Style (containing chord changes) along with your own performance.

Recording

1 **Press the [REC] button.**
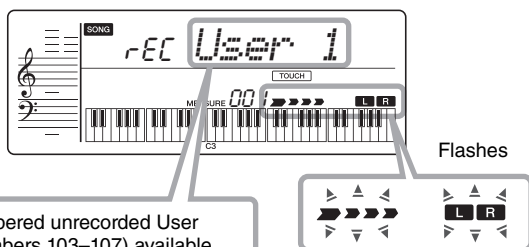
The lowest-numbered unrecorded User Song (Song numbers 103–107) available for recording is displayed. If you want to select the Song you will be recording, select the desired Song number by using the [+] and [-] buttons.

Flashes

NOTICE
- *If all User Songs (Song numbers 103–107) contain recorded data, Song 103 will automatically be selected. In this case, you will record over and erase any previous data in Song 103, so be careful that you won't be erasing any material you want to keep!*

After you've selected the desired User Song for recording, you can select a Style to be recorded as well. To do this, press the [STYLE] button and select the Style number while the ACMP indication is on.

You can turn off the Record mode by pressing the [REC] button again (L and R stop flashing).

NOTE
- *Accompaniment cannot be turned on or off once the [REC] button is pressed.*

2 **Start recording.**
When you play the keyboard, recording will begin.

Split Point

36   48   60   72
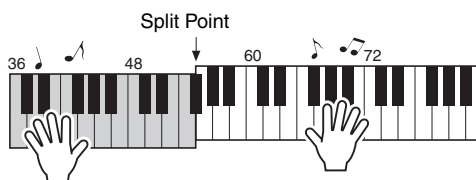
NOTE
- *A total of approximately 10,000 notes or 5,500 chord changes can be recorded to the five User Songs.*

By playing keys to the left of the Split Point when auto accompaniment is set to on, the Style starts sounding and is recorded with your performance.
When auto accompaniment is set to off, only your keyboard performance is recorded.

3 **Stop recording.**

Pressing the [START/STOP] button stops recording and writes the data to the User Song. (A "Writing!" message is shown.)

To playback the newly recorded performance, press the [START/STOP] button.

> **In order to record with the Style, turn auto accompaniment to on (see Step 2 on page 19), and then record according to the instructions.**
>
> ACMP ON (The "ACMP ON" lights.)
>
> **In order to record only your performance, turn auto accompaniment to off and record according to the normal steps.**
>
> ACMP ON (The "ACMP ON" is unlit.)

NOTICE

- *Never attempt to turn the power off when a "Writing!" message is shown in the display. Doing so can damage the flash memory device and result in a loss of data.*

NOTE

- *Use the Musicsoft Downloader to backup the User Songs to a computer (page 45).*

Recording to a Specific track

The User Songs are organized into two tracks: Track 1 and Track 2. You can specify the track you want to record to.

About track recording

If you start recording by specifying a track, the track will be overwritten (existing data in the track is deleted and replaced with the new recording).
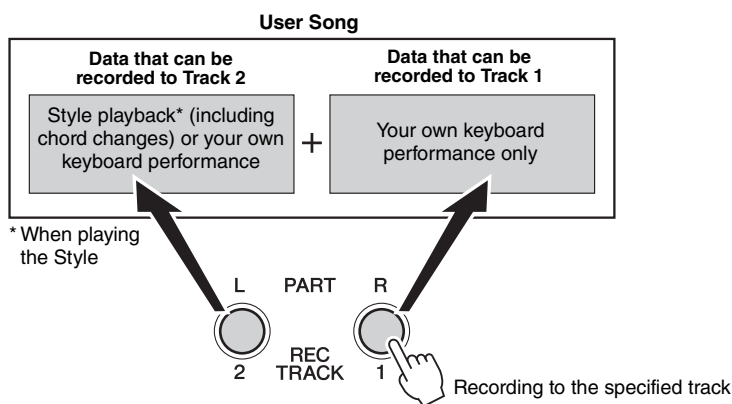
NOTE

- *Record following the steps in the previous page, and your performance will be recorded to Track 1 and the Style (if you are playing one) will be recorded to Track 2.*

Only your keyboard performance can be recorded to Track 1. Either a Style or your performance can be recorded to Track 2, resulting in a User Song like that depicted below.
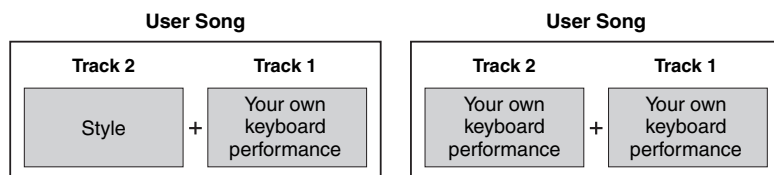
NOTE

- *You cannot record the Reverb Level, metronome click, or the Transpose and Tuning settings.*
- *The following settings and buttons cannot be changed, or if changed, the new settings cannot be recorded if entered during the recording process.*

  ACMP ON/OFF, Split Point, Reverb Type, Chorus Type, Harmony Type, [FUNCTION] button, [PORTABLE GRAND] button.

Selecting a specific track for recording

1 Turn ACMP (auto accompaniment) on or off, depending on what you want to record.

If you want to record Style playback, turn ACMP on. If you want to record only your own keyboard performance, turn ACMP off.

2 Specify the track you want to record.

Specify Track 2 when you want to record the Style.

When you want to record your own keyboard performance, you can specify either track.

■ **Recording to Track 1**

While holding the [REC] button, press the [REC TRACK 1] button.

Press simultaneously

Flashes when Track 1 is selected for recording.
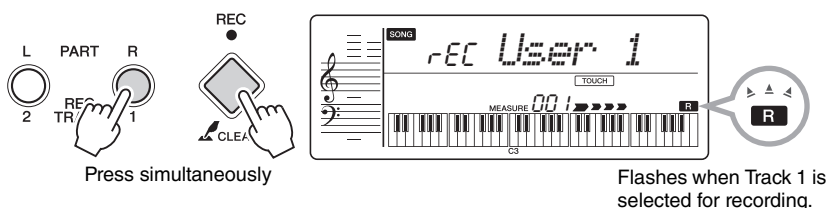
■ **Recording to Track 2**

While holding the [REC] button, press the [REC TRACK 2] button.

Press simultaneously

Flashes when track 2 is selected for recording.

Lights when recorded data exists. Turns off when there is no recorded data, or when Mute is set to on (page 34) to turn off playback of the track.
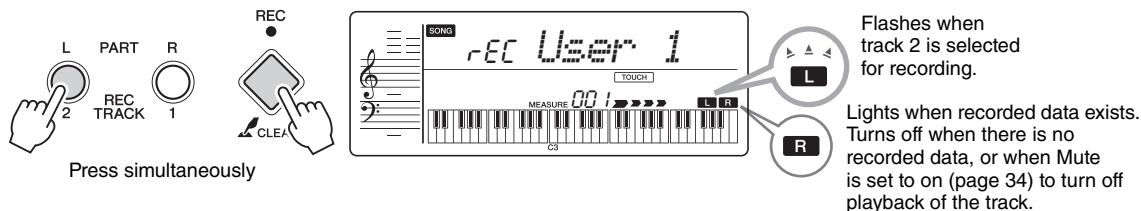
3 Press the [+], [-] buttons to select the User Song you want to record.

$$ rEC \ User \ 3 $$

If you want to record Style playback to Track 2, press the [STYLE] button and select the desired Style.

4 Start recording

Perform steps 2 and 3 on pages 36–37.

By playing keys to the left of the Split Point when auto accompaniment is set to on, the Style starts sounding and is recorded. Only your performance is recorded by playing the keyboard (any key is OK) when auto accompaniment is set to off.

NOTE

- Keep in mind that both Tracks 1 and 2 will be over-written with new data if you record without specifying the tracks.

- The both "L" and "R" flashes, this indicates that you have specified Track 1 when auto accompaniment is on. If you want to record your own performance, press the [TRACK 2] button to stop the "L" flashing. If you want to record a Style, press the [REC] button to cancel the recording, and repeat the procedure from the beginning.

NOTE

- If you want to record only the rhythm (percussion) part, press the [START/STOP] button to play just the rhythm, then add the section change by pressing the [INTO/ENDING/rit.] button or [MAIN/AUTO FILL] button.

- You can record a new track while listening to a previously recorded track (the track indication will appear). You can also mute recorded tracks (the track will disappear) while recording a new track by pressing the desired track button.

Deleting User Songs

Deleting an entire User Song.

1 **Press the [SONG] button and select the User Song you want to delete by using the number buttons [0]–[9], [+], [-].**

$$103 \; User \; 1$$

2 **Press and hold the [REC] button for longer than a second.**
The Song Delete display appears.

REC

$$yES \; ClrUser1$$

Hold for longer than a second.

You can cancel the delete operation by pressing the [-/NO] button.

3 **Press the [+/YES] button.**
A confirmation message will appear on the display.

NO   YES   RESET
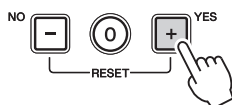
$$yES \; Sure?$$

You can cancel the delete operation by pressing the [-/NO] button.

4 **Press the [+/YES] button to delete the Song.**
"Writing!" message will appear while the track is being deleted.

NO   YES   RESET
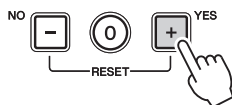
$$Writing!$$

Backup and Initialization

Backup

The following settings are always backed up, and are maintained even when the power is turned off.
If you want to initialize the settings, use the Initialize operation "Initialization" as explained below.

Backup parameters
- User Songs
- Style Number 107
- Touch Response on/off
- Passing status of Song and Step
- FUNCTION Settings: Tuning, Split Point, Touch Sensitivity, Style Volume, Song Volume, Metronome Volume, Your Tempo, Demo Group, Demo Play Mode, Demo Cancel, Master EQ type, Panel Sustain, Auto Power Off

NOTE
- *You can save the settings as backup data to your computer, by using the Musicsoft Downloader (MSD) software. Refer to the section "Transferring data between the instrument and a computer" on page 45.*

Initialization

This function erases all backup data in the instrument's flash memory and restores the initial default settings. The following initialization procedures are provided.

Initialization

To clear data backed up to the internal flash memory turn the power on by pressing the [⏻] (Standby/On) switch while holding the highest white key on the keyboard. The backed up data will be erased and the default values restored.
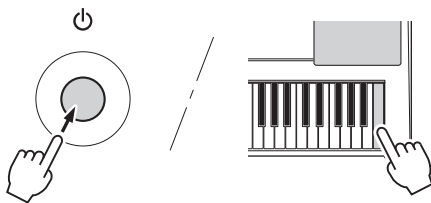
Initialization does not delete the files transferred from the computer. If you want to delete the files, see "Deleting Files" below.

NOTICE
- *When you execute the Initialization, backup parameters will be cleared.*

Deleting Files

To clear song and style files that have been transferred to the internal flash memory from a computer, turn the power on by pressing the [⏻] (Standby/On) switch while simultaneously holding the highest white key on the keyboard and the three highest black keys.
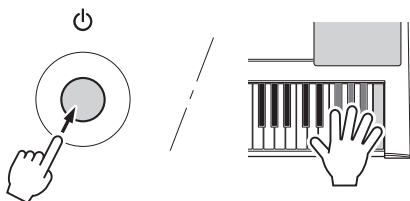
NOTICE
- *When you delete the files, Song data and Style data you have purchased and downloaded will also be cleared. Make sure to save your important data by transferring to a computer using Musicsoft Downloader (page 45).*

Function Settings

The [FUNCTION] button gives you access to a variety of operations related to adjusting or enhancing the sound and making settings for connection to external devices.
For more about the available functions, see the following Function Setting List.

Select the item and change the value

1 **Press the [FUNCTION] button a number of times until the desired item appears.**

Each time the [FUNCTION] button is pressed, the Function number increases one by one.

You can also decrease the Function number by one when you press the [-] button briefly while holding down the [FUNCTION] button.
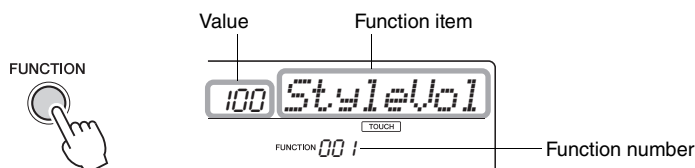
If the Function includes sub-modes, the Function item appears in the display for a few seconds, and the sub-modes will be displayed.

2 **Set the value by using the number buttons [0]–[9], [+], [-].**
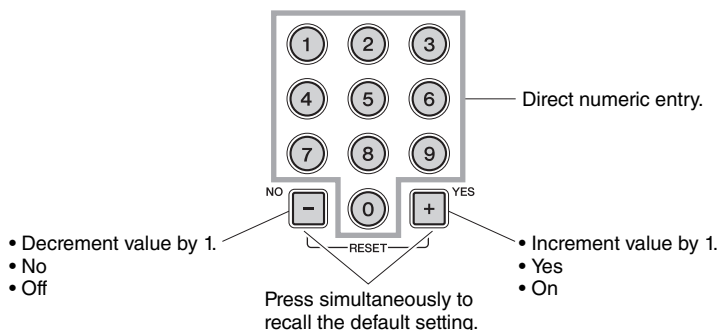
• Decrement value by 1.
• No
• Off

Press simultaneously to recall the default setting.

Direct numeric entry.

• Increment value by 1.
• Yes
• On

Function Setting List

No.	Item	Display	Range/settings	Default setting	Description
Volume					
001	Style Volume	*StyleVol*	000–127	100	Determines the volume of the Style.
002	Song Volume	*SongVol*	000–127	100	Determines the volume of the Song.
Overall					
003	Transpose	*Transpos*	-12–00–12	00	Determines the pitch of the instrument in semitone increments. **NOTE:** The pitch of the Drum Kits Voices cannot be changed.
004	Tuning	*Tuning*	427.0–453.0 (Hz)	440.0 (Hz)	Determines the fine tuning of the pitch of the entire instrument in approx. 0.2Hz increments. **NOTE:** The pitch of the Drum Kits Voices cannot be changed.
005	Split Point	*SplitPnt*	000–127 (C-2–G8)	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.
006	Touch Sensitivity	*TouchSns*	1 Soft 2 Medium 3 Hard	2 Medium	When Touch Response is on, this determines the sensitivity of the feature. Higher values produce greater (easier) volume variation in response to keyboard dynamics.

No.	Item	Display	Range/ settings	Default setting	Description
Style File					
007	Style Register	*StyleReg*	001–nnn	–	Select and register a Style file from flash files that are loaded from computer (page 46).
Main Voice					
008	Main Voice Volume	*M.Volume*	000–127	*	Determines the volume of the Main Voice to adjust the balance between Song playback and the notes you play on the keyboard.
009	Main Voice Octave	*M.Octave*	-2–0–2	*	Determines the octave range for the Main Voice.
010	Main Voice Chorus Send Level	*M.Chorus*	000–127	*	Determines how much of the Main Voice's signal is sent to the Chorus effect.
Dual Voice					
011	Dual Voice	*D.Voice*	001–497	*	Selects the Dual Voice.
012	Dual Voice Volume	*D.Volume*	0–127	*	Determines the volume of the Dual Voice.
013	Dual Voice Octave	*D.Octave*	-2–0–2	*	Determines the octave range for the Dual Voice.
014	Dual Voice Chorus Send Level	*D.Chorus*	000–127	*	Determines how much of the Dual Voice's signal is sent to the Chorus effect.
Split Voice					
015	Split Voice	*S.Voice*	001–497	*	Selects the Split Voice.
016	Split Voice Volume	*S.Volume*	000–127	*	Determines the volume of the Split Voice.
017	Split Voice Octave	*S.Octave*	-2–0–2	*	Determines the octave range for the Split Voice.
018	Split Voice Chorus Send Level	*S.Chorus*	000–127	*	Determines how much of the Split Voice's signal is sent to the Chorus effect.
Effect					
019	Reverb Type	*Reverb*	01–10	**	Determines the Reverb type, including off (10). Refer to the Reverb Type list on page 67.
020	Reverb Level	*RevLevel*	000–127	64	Determines how much of the Voice's signal is sent to the Reverb effect.
021	Chorus Type	*Chorus*	1–5	**	Determines the Chorus type, including off (05). Refer to the Chorus Type list on page 67.
022	Panel Sustain	*Sustain*	ON/OFF	OFF	Determines whether or not Panel Sustain is always applied to the Main/Dual/Split Voices. Panel Sustain is applied continuously when ON, or not applied when OFF.
023	Master EQ Type	*MasterEQ*	1 Speaker 2 Flat	1 Speaker	Sets the equalizer applied to the speaker output for optimum sound in different listening situations. **Speaker:** For listening via the instrument's built-in speakers. **Flat:** For headphones, or for listening via external speakers.
024	Wide Type	*Wide*	1–3	2	Determines the Ultra-Wide Stereo type. Higher values produce a greater Wide effect.
Harmony					
025	Harmony Type	*HarmType*	01– 26	*	Determines the Harmony type. Refer to the Harmony Type list on page 67.
026	Harmony Volume	*HarmVol*	000–127	*	Determines the volume of the Harmony effect when one of the Harmony types 1–5 is selected.
MIDI					
027	PC Mode	*PC mode*	OFF/PC1/PC2	OFF	Optimizes the MIDI settings when you connect to a computer (page 43).
028	Local On/Off	*Local*	ON/OFF	ON	Determines whether the instrument's keyboard controls the internal tone generator (ON) or not (OFF). **On** Both the notes played on the instrument's keyboard and data received via the instrument's MIDI terminal will be played by the internal tone generator. **Off** With this setting, the instrument itself produces no sound, but the performance data is transmitted via the MIDI terminal. Data received via the instrument's MIDI terminal will also be played by the internal tone generator.
029	External Clock	*ExtClock*	ON/OFF	OFF	Determines whether the instrument synchronizes to the internal clock (OFF) or an external clock (ON).

No.	Item	Display	Range/ settings	Default setting	Description
030	Initial Setup Send	*InitSend*	YES/NO	–	Lets you send the data of the panel settings to a computer. Use the [+] button to transmit the data.
Metronome					
031	Time Signature Numerator	*TimeSigN*	00–60	**	Determines the time signature of the Metronome. A chime will sound on the first beat of each measure while the other beats will click. All beats will simply click with no chime at the beginning of each measure if you set this parameter to "00".
032	Time Signature Denominator	*TimeSigD*	Half note, Quarter note, Eighth note, Sixteenth note	**	Sets the length of each metronome beat.
033	Metronome Volume	*MetroVol*	000–127	100	Determines the volume of the Metronome.
Lesson					
034	Lesson Track (R)	*R-Part*	01–16	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. Refer to the section "Using Transferred Songs for Lessons" on page 46.
035	Lesson Track (L)	*L-Part*	01–16	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. Refer to the section "Using Transferred Songs for Lessons" on page 46.
036	Your Tempo	*YourTemp*	ON/OFF	ON	Determines whether the song playback tempo matches the speed at which you are playing (ON) or not (OFF), when using the "Waiting" Lesson mode.
Demo					
037	Demo Group	*DemoGrp*	1 DEMO 2 Preset 3 User 4 Download	1 DEMO	Determines the repeat playback group.
038	Demo Play Mode	*PlayMode*	1 Normal 2 Random	1 Normal	Determines the repeat playback mode.
039	Demo Cancel	*D-Cancel*	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/BGM] button is pressed.
Power Save					
040	Auto Power Off	*AutoOff*	OFF/5/10/15/ 30/60/120 (minutes)	30	Specifies the time that will elapse before the instrument's power is automatically turned off.

* Different for each voice combination.
** Different for each Song or Style combination.

■ PC Mode (FUNCTION 027)

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

	PC1	PC2	OFF
LOCAL	Off	Off	On
EXTERNAL CLOCK	On	Off	Off
SONG OUT*	Off	Off	On
STYLE OUT**	Off	Off	On
KEYBOARD OUT***	Off	On	On

NOTE
• Song Out, Style Out and Keyboard Out can only be changed by the PC setting. They cannot be set independently. Song Out can be used with User Songs.

* Determines whether Song data is transmitted (ON) via MIDI or not (OFF) during Song playback.
** Determines whether Style data is transmitted (ON) via MIDI or not (OFF) during Style playback.
*** Determines whether keyboard performance data of the instrument is transmitted (ON) or not (OFF).

Connecting to a Computer

This instrument can be connected to a computer to allow transfer of MIDI data or a file. MIDI (Musical Instrument Digital Interface) is a world-standard interface for communication between electronic musical instruments and music devices.
MIDI settings such as Local Control are made in the Function settings (page 42 Function 027–030).

Connecting a Personal Computer

1 **Turn off the power of the instrument before connecting a USB cable.**

2 **Turn on the power of the computer.**
Quit any open application software on the computer.

3 **Connect the instrument and the computer via a USB cable.**

USB terminal   USB terminal
USB
USB cable
Instrument
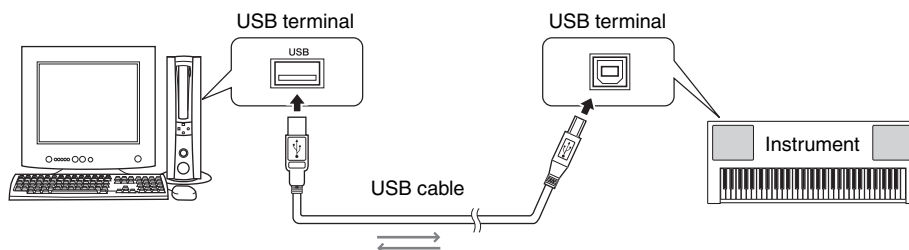
4 **Turn on the power of the instrument.**
When you connect the instrument to a computer for the first time, the driver is installed automatically.

    Operating System (OS)
    Windows XP (SP3 or later)/Windows Vista *Only 32-bit, Windows 7, Mac OS X Version 10.5.0–10.6.x

When data communication is unstable or some problem occurs even though you've executed the above instructions, download the Yamaha Standard USBMIDI driver from the following URL then install it to your computer. For instructions on installation, refer to the Install Guide included in the package file.

    http://download.yamaha.com/

For details about OS for Yamaha Standard USB-MIDI driver, visit the URL above.

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

NOTICE

- *Use an AB type USB cable of less than about 3 meters. USB 3.0 cables cannot be used.*
- *Before connecting the computer to the USB terminal, exit from any power-saving mode of the computer (such as suspend, sleep, standby).*
- *Before turning on the power to the instrument, connect the computer to the USB terminal.*
- *Execute the following before turning the power to the instrument on/off or plugging/unplugging the USB cable to/from the USB terminal.*
  - *Quit any open application software on the computer.*
  - *Make sure that data is not being transmitted from the instrument. (Data is transmitted only by playing notes on the keyboard or playing back a song.)*
- *While the computer is connected to the instrument, you should wait for six seconds or more between these operations: (1) when turning the power of the instrument off then on again, or (2) when alternately connecting/disconnecting the USB cable.*

Transferring data between the instrument and a computer

This instrument includes 102 preset Songs and 106 Styles, but you can load other Songs and Styles from your computer and use them in the same way as the preset Songs and Styles as long as the loaded Song is SMF format 0* or the loaded Style is SFF (Style File Format). Loaded Song data will be stored to Song numbers beginning with 108 and one of the loaded Style/s can be registered as the 107th Style. In order to perform the operations described in this section you will need to use a computer connected to the Internet to download the free Musicsoft Downloader application.

* **The SMF (Standard MIDI File) format is one of the most common and widely compatible sequence formats used for storing sequence data. Most commercially available MIDI sequence data is provided in SMF Format 0.**

Installing Musicsoft Downloader

You can download the "Musicsoft Downloader" application from the following web-site. Make sure that your computer has an Internet connection.

    http://download.yamaha.com/

Please visit the URL above to get the information on the computer system requirements for Musicsoft Downloader.

Transferring Data by using the Musicsoft Downloader

You can transmit Song files and Style Files from your computer to the Flash Memory on your instrument by Musicsoft Downloader.
You can also transfer backup data (page 40) other than the "Passing status of Song and Step" to a computer as a backup file.
For Musicsoft Downloader operating instructions see the Help menu: launch the Musicsoft Downloader application and click "Help."

> **Data that can be loaded to this instrument from a computer**
> - Songs   : 256 Songs max (Song numbers 108–)
> - Data   : Approx. 1.7MB
> - Data Format : SMF Format 0 and 1
> - File   : 11PK3.BUP (Backup file)
>   ***.mid (MIDI Song)
>   ***.sty (Style File)
>
> **Musicsoft Downloader Operations**
> Move the file from the computer to "Flash Memory" under "Electronic Musical Instruments."

NOTE
- Visit the Yamaha website for more information on the latest version of Musicsoft Downloader (version 5.6.1 or higher) and how to install it.

NOTE
- The Musicsoft Downloader application may not be able to access the instrument in the following cases:
  - During Style playback
  - During Song playback

NOTICE
- *Use the power adaptor when transferring data. The data can be corrupted if the batteries fail during the transfer.*
- *Never turn the power off and never plug/unplug the AC power adaptor during data transmission. Not only will the data fail to be transferred and saved, but operation of the flash memory may become unstable and its contents may disappear completely when the power is turned on or off.*

NOTE
- Close the window to exit from the Musicsoft Downloader and re-enable control of the instrument.

Data that can be transferred to a computer from this instrument
• Backup file (11PK3.BUP: backup data containing five User Songs)
• Songs transferred from a computer

Musicsoft Downloader Operations
Move the file from "System Drive" under "Electronic Musical Instruments" to the computer.

Erasing Transferred Song Data from Internal Memory
To erase all Songs transferred from the computer, use the "Deleting Files" function on page 40. To erase specific Songs transferred from the computer, use the Delete function on Musicsoft Downloader.

Using Transferred Songs for Lessons
In order to use Songs (only SMF format 0) transferred from a computer for lessons it is necessary to specify which channels are to be played back as the right-hand and left-hand parts. Refer to the "Lesson Track (R)" or "Lesson Track (L)" in the Function Setting List on page 43. The procedure for setting the guide track is as follows: Select a transferred Song you want to use for lessons. Press the [FUNCTION] button a number of times until the "R-Part" or "L-Part" appears in the display, and then use the number buttons [0]–[9], [+], [-] to select the channel you want to play back as the specified right- or left-hand part. We recommend that you select channel 1 for the right-hand part and channel 2 for the left-hand part.

NOTICE
• *The backup data, including the five User Songs is transmitted/received as a single file. As a result, all backup data (including the five Songs) will be overwritten every time you transmit or receive. Keep this in mind when transferring data.*
• *Do not rename the backup file on the computer. If you do so, it will not be recognized when transferred to the instrument.*

Registering Style Files

This instrument features 106 internal Styles, but other Styles, such as those which can be obtained from the internet (only Styles with the ".sty" suffix), can be registered to Style number 107 and used in the same way as the internal Styles.
In order to use the Style File register function, the file must already have been transferred from the computer to the instrument. The procedure for transferring files from a computer to the instrument is described on page 45 ("Transferring data between the instrument and a computer"). The procedure described below registers a Style file that has already been transferred from a computer to the instrument to Style number 107.

1 **Press the [FUNCTION] button as many times as necessary to select the Style File Load function "StyleReg" (Function 007).**
After about 2 seconds the name of a registerable Style file will appear in the display. If multiple loadable Style files have been transferred to the instrument, you can use the [+] and [-] buttons to select the other files in sequence.

`StyleReg`

2 **Execute the register operation.**
With the name of the Style file you want to register shown in the display, press the number [0] button.

3 **A confirmation message for the register operation will appear. Press the [+/YES] button to actually register the file.**
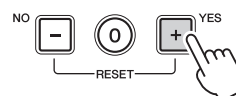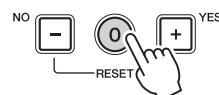
Troubleshooting

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.
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 028.)
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.
Playing keys in the right hand area of the keyboard does not produce any sound.	When using the Dictionary function (page 22), the keys in the right hand area are used only for entering the chord root and type.
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 029).
The ACMP ON indicator does not appear when the [ACMP ON/OFF] button is pressed.	Always press the [STYLE] button first when you are going to use any Style-related function.
The Style does not sound properly.	Make sure that the Style Volume (page 41 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 41 Function 005). 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 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.
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 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 optional AC adaptor.
Power suddenly and unexpectedly turns off.	This is normal and the Auto Power Off function may have been activated (page 9). If you need to disable the Auto Power Off function, select "Off" in the Function settings (page 43 Function 040).

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!

Before Playing...

◇ Sit Correctly

Sit near the middle of the keyboard.

◇ Finger Numbering

Left

Right
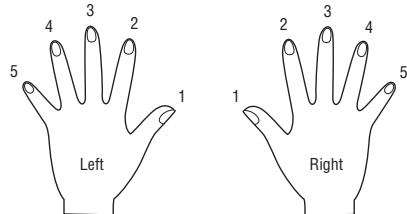
Reading the Score

◇ The Keyboard, Staff Lines, and Clef

1 octave

2 black keys 3 black keys

C3

Middle C

Treble clef

Bass clef

Clef

Key signature

Time signature

◇ Accidentals

♯	(Sharp)	Raise a semitone
♭	(Flat)	Lower a semitone
♮	(Natural)	Return to normal pitch
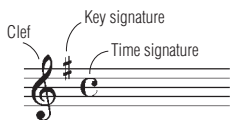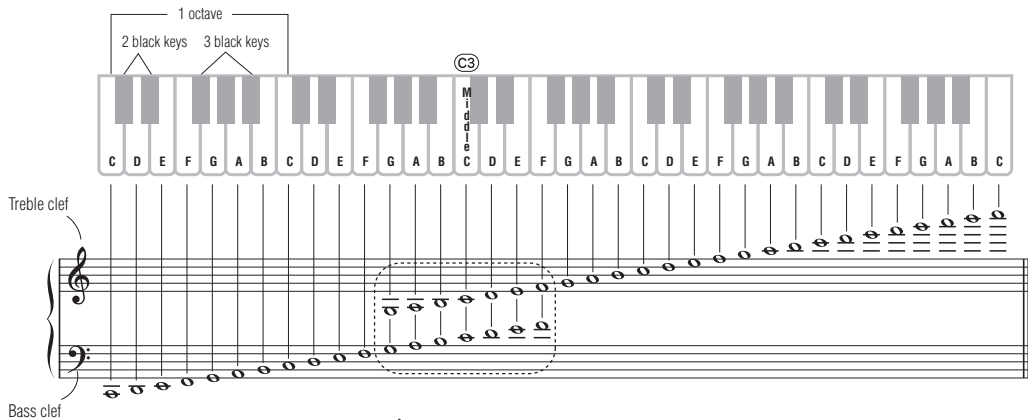
◇ Notes and Rests

		1	2	3	4		
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	𝄿

◇ Time Signatures and Counting Time

4/4 time

1 2 3 4

2/2 time

1 2

2/4 time

1 2

3/4 time

1 2 3

6/8 time

1 2 3 4 5 6

9/8 time

1 2 3 4 5 6 7 8 9
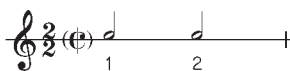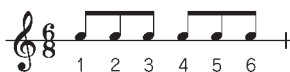
Song No.004

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.

Song No.004 🎹 Für Elise   **Basic**
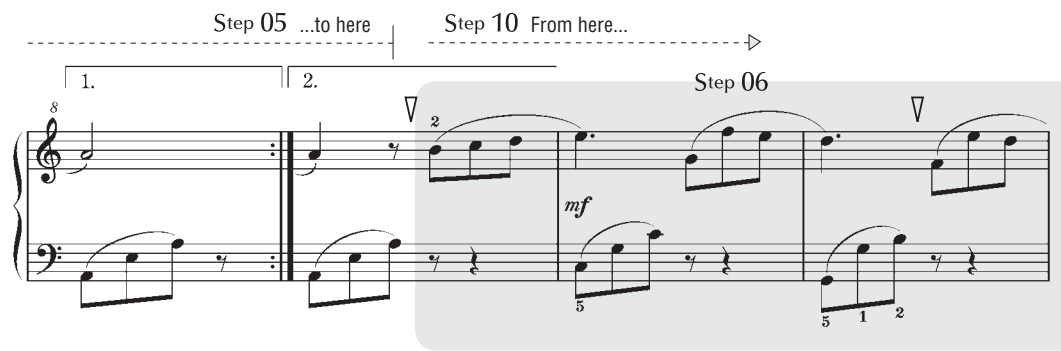
Song No.004 🎹 Für Elise **Basic**

Step 01

Right hand

Fingers used for this exercise

3 4

1
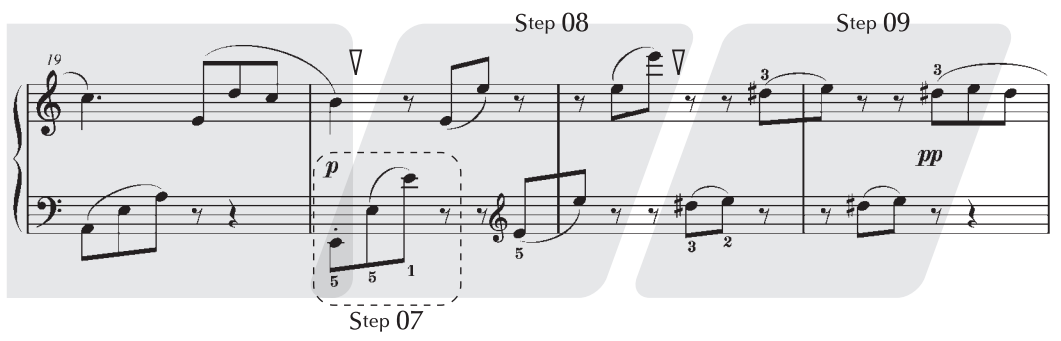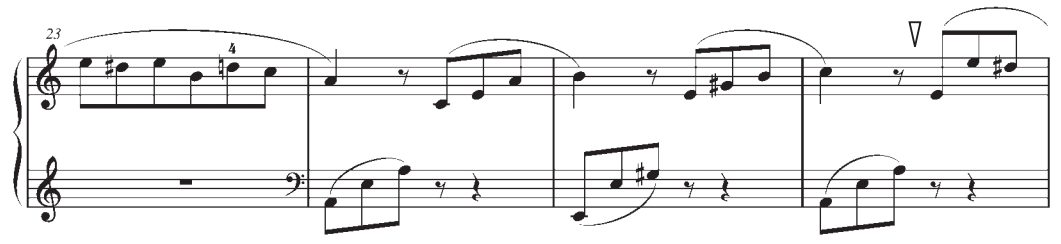
Right

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.

E D♯ E D♯ E A

Tip-toe

E D♯ E D♯ E B D C A
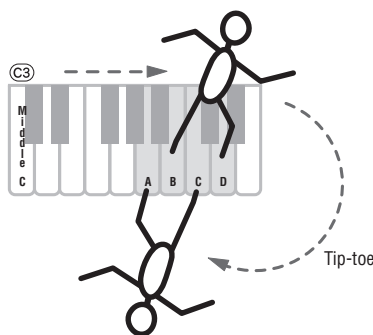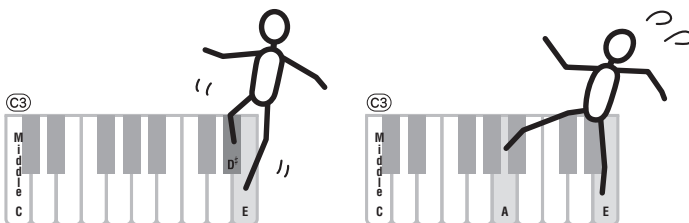
Go back to the beginning and play it again.

Step 02
Right hand

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.
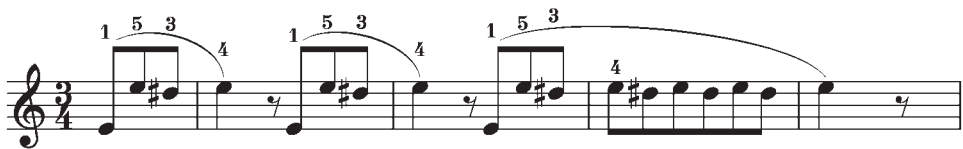
Short break
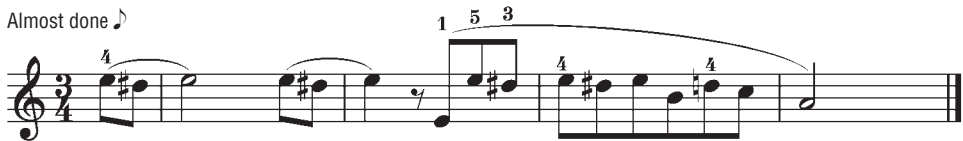
Almost done ♪

Song No.004 🎹 Für Elise **Basic**

Step 03

Left hand

Warm-up Exercise - "Basic Accompaniment"

And now a warm-up exercise for the left hand.

It's important to spread your fingers widely from the start.

Don't play the black keys too strongly.

Step 04

Both hands
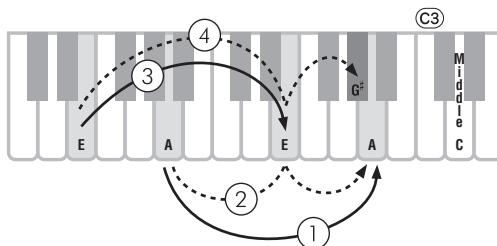
Diligent Practice Time

Connect the notes smoothly, as if the left hand were passing them to the right hand. You'll be able to play smoothly if you move the left hand into position for the next phrase as soon as it finishes playing the first phrase.

Song No.004 Für Elise **Basic**

Step 05 Both hands

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 Both hands

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 Left hand

Jump to the next E!

And again!

Warm-up Exercise - "The Jump Competition"

The first note has a staccato dot.

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

You can play this with only these fingers!

Left

Step 08 Both hands
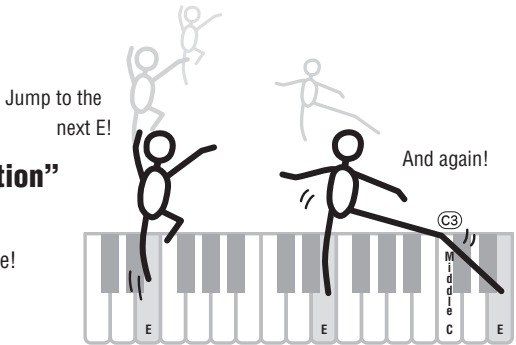
"EEEEE!"

The only note in this step is E!

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

Step 09

Both hands

"Left! Right! Left! Right!"

Play "D♯ E" repeatedly, alternating the left and right hands.

Have the next hand ready in position to play D♯ so you won't have to rush.

Step 10

Both hands

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

Both hands

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 MSB (0–127)	Bank Select LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
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	CP 80
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	112	17	Jazz Organ 1
14	0	113	17	Jazz Organ 2
15	0	112	19	Rock Organ
16	0	114	19	Purple Organ
17	0	112	18	Click Organ
18	0	116	17	Bright Organ
19	0	127	19	Theater Organ
20	0	121	20	16'+2' Organ
21	0	120	20	16'+4' Organ
22	0	113	20	Chapel Organ
23	0	112	20	Pipe Organ
24	0	112	21	Reed Organ
ACCORDION				
25	0	112	22	Musette Accordion
26	0	113	22	Traditional Accordion
27	0	113	24	Bandoneon
28	0	112	23	Harmonica
GUITAR				
29	0	112	25	Classical Guitar
30	0	112	26	Folk Guitar
31	0	112	27	Jazz Guitar
32	0	117	28	60's Clean Guitar
33	0	113	26	12Strings Guitar
34	0	112	28	Clean Guitar
35	0	113	27	Octave Guitar
36	0	112	29	Muted Guitar
37	0	112	30	Overdriven Guitar
38	0	112	31	Distortion Guitar
BASS				
39	0	112	34	Finger Bass
40	0	112	33	Acoustic Bass
41	0	112	35	Pick Bass
42	0	112	36	Fretless Bass
43	0	112	37	Slap Bass
44	0	112	39	Synth Bass
45	0	113	39	Hi-Q Bass
46	0	113	40	Dance Bass
STRINGS				
47	0	112	49	String Ensemble

Voice No.	Bank Select MSB (0–127)	Bank Select LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
48	0	112	50	Chamber Strings
49	0	113	50	Slow Strings
50	0	112	45	Tremolo Strings
51	0	112	51	Synth Strings
52	0	112	46	Pizzicato Strings
53	0	112	41	Violin
54	0	112	43	Cello
55	0	112	44	Contrabass
56	0	112	47	Harp
57	0	112	106	Banjo
58	0	112	56	Orchestra Hit
CHOIR				
59	0	112	53	Choir
60	0	113	53	Vocal Ensemble
61	0	112	55	Air Choir
62	0	112	54	Vox Humana
SAXOPHONE				
63	0	112	67	Tenor Sax
64	0	112	66	Alto Sax
65	0	112	65	Soprano Sax
66	0	112	68	Baritone Sax
67	0	114	67	Breathy Tenor Sax
68	0	112	72	Clarinet
69	0	112	69	Oboe
70	0	112	70	English Horn
71	0	112	71	Bassoon
TRUMPET				
72	0	112	57	Trumpet
73	0	112	58	Trombone
74	0	113	58	Trombone Section
75	0	112	60	Muted Trumpet
76	0	112	61	French Horn
77	0	112	59	Tuba
BRASS				
78	0	112	62	Brass Section
79	0	113	62	Big Band Brass
80	0	113	63	80's Brass
81	0	119	62	Mellow Horns
82	0	114	63	Techno Brass
83	0	112	63	Synth Brass
FLUTE				
84	0	112	74	Flute
85	0	112	73	Piccolo
86	0	112	76	Pan Flute
87	0	112	75	Recorder
88	0	112	80	Ocarina
SYNTH				
89	0	112	81	Square Lead
90	0	112	82	Sawtooth Lead
91	0	115	82	Analogon
92	0	119	82	Fargo
93	0	112	99	Star Dust
94	0	112	86	Voice Lead
95	0	112	101	Brightness
96	0	112	92	Xenon Pad
97	0	112	95	Equinox

Voice No.	Bank Select MSB (0–127)	Bank Select LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
98	0	112	89	Fantasia
99	0	113	90	Dark Moon
100	0	113	101	Bell Pad
PERCUSSION				
101	0	112	12	Vibraphone
102	0	112	13	Marimba
103	0	112	14	Xylophone
104	0	112	115	Steel Drums
105	0	112	9	Celesta
106	0	112	11	Music Box
107	0	112	15	Tubular Bells
108	0	112	48	Timpani
WORLD				
109	0	115	111	Er Hu
110	0	117	74	Di Zi
111	0	116	106	Pi Pa
112	0	0	105	Sitar
113	0	0	16	Dulcimer
114	0	98	106	Oud
115	0	0	107	Shamisen
116	0	113	108	GuZheng
117	0	0	108	Koto
118	0	0	109	Kalimba
119	0	0	110	Bagpipe
120	0	0	111	Fiddle
121	0	0	112	Shanai
122	126	0	128	StdKit1 + Chinese Perc.
DUAL*				
123	0	112	1	Octave Piano
124	0	112	1	Piano + Strings
125	0	112	1	Piano Pad
126	0	0	6	E.P. Pad
127	0	0	49	Octave Strings
128	0	0	62	Octave Brass
129	0	0	49	Orchestra Tutti
130	0	0	53	Octave Choir
131	0	0	62	Jazz Section
132	0	0	74	Flute & Clarinet
SOUND EFFECTS				
133	0	0	121	Fret Noise
134	0	0	122	Breath Noise
135	0	0	123	Seashore
136	0	0	124	Bird Tweet
137	0	0	125	Telephone Ring
138	0	0	126	Helicopter
139	0	0	127	Applause
140	0	0	128	Gunshot
DRUM KITS				
141	127	0	1	Standard Kit 1
142	127	0	2	Standard Kit 2
143	127	0	9	Room Kit
144	127	0	17	Rock Kit
145	127	0	25	Electronic Kit
146	127	0	26	Analog Kit
147	127	0	113	Dance Kit
148	127	0	33	Jazz Kit
149	127	0	41	Brush Kit
150	127	0	49	Symphony Kit
151	126	0	1	SFX Kit 1
152	126	0	2	SFX Kit 2
153	126	0	113	Sound Effect Kit

* When you select a Voice of the DUAL category, two voices sound at the same time. The Voice whose MIDI program change number is indicated in the Voice List is known as the Main Voice.

XGlite Voice/XGlite Optional Voice* List

Voice No.	Bank Select MSB (0–127)	Bank Select LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
XG PIANO				
154	0	0	1	Grand Piano
155	0	1	1	Grand Piano KSP
156	0	40	1	Piano Strings
157	0	41	1	Dream
158	0	0	2	Bright Piano
159	0	1	2	Bright Piano KSP
160	0	0	3	Electric Grand Piano
161	0	1	3	Electric Grand Piano KSP
162	0	32	3	Detuned CP80
163	0	0	4	Honky-tonk Piano
164	0	1	4	Honky-tonk Piano KSP
165	0	0	5	Electric Piano 1
166	0	1	5	Electric Piano 1 KSP
167	0	32	5	Chorus Electric Piano 1
168	0	0	6	Electric Piano 2
169	0	1	6	Electric Piano 2 KSP
*170	0	32	6	Chorus Electric Piano 2
171	0	41	6	DX + Analog Electric Piano
172	0	0	7	Harpsichord
173	0	1	7	Harpsichord KSP
174	0	35	7	Harpsichord 2
175	0	0	8	Clavi
176	0	1	8	Clavi KSP
XG CHROMATIC				
177	0	0	9	Celesta
178	0	0	10	Glockenspiel
179	0	0	11	Music Box
180	0	64	11	Orgel
181	0	0	12	Vibraphone
182	0	1	12	Vibraphone KSP
183	0	0	13	Marimba
184	0	1	13	Marimba KSP
185	0	64	13	Sine Marimba
186	0	97	13	Balimba
187	0	98	13	Log Drums
188	0	0	14	Xylophone
189	0	0	15	Tubular Bells
190	0	96	15	Church Bells
191	0	97	15	Carillon
192	0	35	16	Dulcimer 2
193	0	96	16	Cimbalom
194	0	97	16	Santur
XG ORGAN				
195	0	0	17	Drawbar Organ
196	0	32	17	Detuned Drawbar Organ
197	0	33	17	60's Drawbar Organ 1
198	0	34	17	60's Drawbar Organ 2
199	0	35	17	70's Drawbar Organ 1
200	0	37	17	60's Drawbar Organ 3
201	0	40	17	16+2'2/3
202	0	64	17	Organ Bass
203	0	65	17	70's Drawbar Organ 2
204	0	66	17	Cheezy Organ
205	0	67	17	Drawbar Organ 2
206	0	0	18	Percussive Organ
207	0	24	18	70's Percussive Organ
208	0	32	18	Detuned Percussive Organ
209	0	33	18	Light Organ
210	0	37	18	Percussive Organ 2
211	0	0	19	Rock Organ
212	0	64	19	Rotary Organ
213	0	65	19	Slow Rotary
214	0	66	19	Fast Rotary
215	0	0	20	Church Organ
216	0	32	20	Church Organ 3
217	0	35	20	Church Organ 2
218	0	40	20	Notre Dame
219	0	64	20	Organ Flute
220	0	65	20	Tremolo Organ Flute
221	0	0	21	Reed Organ

Voice No.	Bank Select MSB (0–127)	Bank Select LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
222	0	40	21	Puff Organ
223	0	0	22	Accordion
224	0	0	23	Harmonica
225	0	32	23	Harmonica 2
226	0	0	24	Tango Accordion
227	0	64	24	Tango Accordion 2
XG GUITAR				
228	0	0	25	Nylon Guitar
229	0	43	25	Velocity Guitar Harmonics
230	0	96	25	Ukulele
231	0	0	26	Steel Guitar
232	0	35	26	12-string Guitar
233	0	40	26	Nylon & Steel Guitar
234	0	41	26	Steel Guitar with Body Sound
235	0	96	26	Mandolin
236	0	0	27	Jazz Guitar
237	0	32	27	Jazz Amp
238	0	0	28	Clean Guitar
239	0	32	28	Chorus Guitar
240	0	0	29	Muted Guitar
241	0	40	29	Funk Guitar
242	0	41	29	Muted Steel Guitar
243	0	45	29	Jazz Man
244	0	0	30	Overdriven Guitar
245	0	43	30	Guitar Pinch
246	0	0	31	Distortion Guitar
247	0	40	31	Feedback Guitar
248	0	41	31	Feedback Guitar 2
249	0	0	32	Guitar Harmonics
250	0	65	32	Guitar Feedback
251	0	66	32	Guitar Harmonics 2
XG BASS				
252	0	0	33	Acoustic Bass
253	0	40	33	Jazz Rhythm
254	0	45	33	Velocity Crossfade Upright Bass
255	0	0	34	Finger Bass
256	0	18	34	Finger Dark
257	0	40	34	Bass & Distorted Electric Guitar
258	0	43	34	Finger Slap Bass
259	0	45	34	Finger Bass 2
260	0	65	34	Modulated Bass
261	0	0	35	Pick Bass
262	0	28	35	Muted Pick Bass
263	0	0	36	Fretless Bass
264	0	32	36	Fretless Bass 2
265	0	33	36	Fretless Bass 3
266	0	34	36	Fretless Bass 4
267	0	0	37	Slap Bass 1
268	0	32	37	Punch Thumb Bass
269	0	0	38	Slap Bass 2
270	0	43	38	Velocity Switch Slap
271	0	0	39	Synth Bass 1
272	0	40	39	Techno Synth Bass
273	0	0	40	Synth Bass 2
274	0	6	40	Mellow Synth Bass
275	0	12	40	Sequenced Bass
276	0	18	40	Click Synth Bass
277	0	19	40	Synth Bass 2 Dark
*278	0	40	40	Modular Synth Bass
279	0	41	40	DX Bass
XG STRINGS				
280	0	0	41	Violin
281	0	8	41	Slow Violin
282	0	0	42	Viola
283	0	0	43	Cello
284	0	0	44	Contrabass
285	0	0	45	Tremolo Strings
286	0	8	45	Slow Tremolo Strings
287	0	40	45	Suspense Strings
288	0	0	46	Pizzicato Strings
289	0	0	47	Orchestral Harp
290	0	40	47	Yang Chin
291	0	0	48	Timpani

Voice No.	Bank Select MSB (0–127)	Bank Select LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
XG ENSEMBLE				
292	0	0	49	Strings 1
293	0	3	49	Stereo Strings
294	0	8	49	Slow Strings
295	0	35	49	60's Strings
296	0	40	49	Orchestra
297	0	41	49	Orchestra 2
298	0	42	49	Tremolo Orchestra
299	0	45	49	Velocity Strings
300	0	0	50	Strings 2
301	0	3	50	Stereo Slow Strings
302	0	8	50	Legato Strings
303	0	40	50	Warm Strings
304	0	41	50	Kingdom
305	0	0	51	Synth Strings 1
306	0	0	52	Synth Strings 2
307	0	0	53	Choir Aahs
308	0	3	53	Stereo Choir
309	0	32	53	Mellow Choir
310	0	40	53	Choir Strings
311	0	0	54	Voice Oohs
312	0	0	55	Synth Voice
313	0	40	55	Synth Voice 2
314	0	41	55	Choral
315	0	64	55	Analog Voice
316	0	0	56	Orchestra Hit
317	0	35	56	Orchestra Hit 2
318	0	64	56	Impact
XG BRASS				
319	0	0	57	Trumpet
320	0	32	57	Warm Trumpet
321	0	0	58	Trombone
322	0	18	58	Trombone 2
323	0	0	59	Tuba
324	0	0	60	Muted Trumpet
325	0	0	61	French Horn
326	0	6	61	French Horn Solo
327	0	32	61	French Horn 2
328	0	37	61	Horn Orchestra
329	0	0	62	Brass Section
330	0	35	62	Trumpet & Trombone Section
331	0	0	63	Synth Brass 1
332	0	20	63	Resonant Synth Brass
333	0	0	64	Synth Brass 2
334	0	18	64	Soft Brass
335	0	41	64	Choir Brass
XG REED				
336	0	0	65	Soprano Sax
337	0	0	66	Alto Sax
338	0	40	66	Sax Section
339	0	0	67	Tenor Sax
340	0	40	67	Breathy Tenor Sax
341	0	0	68	Baritone Sax
342	0	0	69	Oboe
343	0	0	70	English Horn
344	0	0	71	Bassoon
345	0	0	72	Clarinet
XG PIPE				
346	0	0	73	Piccolo
347	0	0	74	Flute
348	0	0	75	Recorder
349	0	0	76	Pan Flute
350	0	0	77	Blown Bottle
351	0	0	78	Shakuhachi
352	0	0	79	Whistle
353	0	0	80	Ocarina
XG SYNTH LEAD				
354	0	0	81	Square Lead
355	0	6	81	Square Lead 2
356	0	8	81	LM Square
357	0	18	81	Hollow
358	0	19	81	Shroud
359	0	64	81	Mellow

Voice No.	MSB (0–127)	LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
360	0	65	81	Solo Sine
361	0	66	81	Sine Lead
362	0	0	82	Sawtooth Lead
363	0	6	82	Sawtooth Lead 2
364	0	8	82	Thick Sawtooth
365	0	18	82	Dynamic Sawtooth
366	0	19	82	Digital Sawtooth
367	0	20	82	Big Lead
368	0	96	82	Sequenced Analog
369	0	0	83	Calliope Lead
370	0	65	83	Pure Lead
371	0	0	84	Chiff Lead
372	0	0	85	Charang Lead
373	0	64	85	Distorted Lead
374	0	0	86	Voice Lead
375	0	0	87	Fifths Lead
376	0	35	87	Big Five
377	0	0	88	Bass & Lead
378	0	16	88	Big & Low
379	0	64	88	Fat & Perky
380	0	65	88	Soft Whirl
XG SYNTH PAD				
381	0	0	89	New Age Pad
382	0	64	89	Fantasy
383	0	0	90	Warm Pad
384	0	0	91	Poly Synth Pad
385	0	0	92	Choir Pad
386	0	66	92	Itopia
387	0	0	93	Bowed Pad
388	0	0	94	Metallic Pad
389	0	0	95	Halo Pad
390	0	0	96	Sweep Pad
XG SYNTH EFFECTS				
391	0	0	97	Rain
392	0	65	97	African Wind
393	0	66	97	Carib
394	0	0	98	Sound Track
395	0	27	98	Prologue
396	0	0	99	Crystal
397	0	12	99	Synth Drum Comp
398	0	14	99	Popcorn
399	0	18	99	Tiny Bells
400	0	35	99	Round Glockenspiel
401	0	40	99	Glockenspiel Chimes
402	0	41	99	Clear Bells
403	0	42	99	Chorus Bells
404	0	65	99	Soft Crystal
405	0	70	99	Air Bells
406	0	71	99	Bell Harp
407	0	72	99	Gamelimba
408	0	0	100	Atmosphere
409	0	18	100	Warm Atmosphere
410	0	19	100	Hollow Release
411	0	40	100	Nylon Electric Piano
412	0	64	100	Nylon Harp
413	0	65	100	Harp Vox
414	0	66	100	Atmosphere Pad
415	0	0	101	Brightness
416	0	0	102	Goblins
417	0	64	102	Goblins Synth
418	0	65	102	Creeper
419	0	67	102	Ritual
420	0	68	102	To Heaven
421	0	70	102	Night
422	0	71	102	Glisten
423	0	96	102	Bell Choir
424	0	0	103	Echoes
425	0	0	104	Sci-Fi
XG WORLD				
426	0	32	105	Detuned Sitar
427	0	35	105	Sitar 2
428	0	97	105	Tamboura
429	0	0	106	Banjo

Voice No.	MSB (0–127)	LSB (0–127)	MIDI Program Change# (1–128)	Voice Name
430	0	28	106	Muted Banjo
431	0	96	106	Rabab
432	0	97	106	Gopichant
433	0	96	108	Taisho-kin
434	0	97	108	Kanoon
XG PERCUSSIVE				
435	0	0	113	Tinkle Bell
436	0	96	113	Bonang
437	0	97	113	Altair
438	0	98	113	Gamelan Gongs
439	0	99	113	Stereo Gamelan Gongs
440	0	100	113	Rama Cymbal
441	0	0	114	Agogo
442	0	0	115	Steel Drums
443	0	97	115	Glass Percussion
444	0	98	115	Thai Bells
445	0	0	116	Woodblock
446	0	96	116	Castanets
447	0	0	117	Taiko Drum
448	0	96	117	Gran Cassa
449	0	0	118	Melodic Tom
450	0	64	118	Melodic Tom 2
451	0	65	118	Real Tom
452	0	66	118	Rock Tom
453	0	0	119	Synth Drum
454	0	64	119	Analog Tom
455	0	65	119	Electronic Percussion
456	0	0	120	Reverse Cymbal
XG SOUND EFFECTS				
457	64	0	1	Cutting Noise
458	64	0	2	Cutting Noise 2
459	64	0	4	String Slap
460	64	0	17	Flute Key Click
461	64	0	33	Shower
462	64	0	34	Thunder
463	64	0	35	Wind
464	64	0	36	Stream
465	64	0	37	Bubble
466	64	0	38	Feed
467	64	0	49	Dog
468	64	0	50	Horse
469	64	0	51	Bird Tweet 2
470	64	0	56	Maou
471	64	0	65	Phone Call
472	64	0	66	Door Squeak
473	64	0	67	Door Slam
474	64	0	68	Scratch Cut
475	64	0	69	Scratch Split
476	64	0	70	Wind Chime
477	64	0	71	Telephone Ring 2
478	64	0	81	Car Engine Ignition
479	64	0	82	Car Tires Squeal
480	64	0	83	Car Passing
481	64	0	84	Car Crash
482	64	0	85	Siren
483	64	0	86	Train
484	64	0	87	Jet Plane
485	64	0	88	Starship
486	64	0	89	Burst
487	64	0	90	Roller Coaster
488	64	0	91	Submarine
489	64	0	97	Laugh
490	64	0	98	Scream
491	64	0	99	Punch
492	64	0	100	Heartbeat
493	64	0	101	Footsteps
494	64	0	113	Machine Gun
495	64	0	114	Laser Gun
496	64	0	115	Explosion
497	64	0	116	Firework

The voice number with an asterisk (*) is XGlite optional voice.

- " ☐ " 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 "141: Standard Kit 1", the "Seq Click H" (Note# 36/Note C1) corresponds to (Note# 24/Note C0).
- Key Off: Keys marked "O" stop sounding the instant they are released.
- Voices with the same Alternate Note Number (*1 … 4) cannot be played simultaneously. (They are designed to be played alternately with each other.)

	Keyboard		MIDI		Key Off	Alternate Group	141 127/000/001 Standard Kit 1	142 127/000/002 Standard Kit 2	143 127/000/009 Room Kit	144 127/000/017 Rock Kit	145 127/000/025 Electronic Kit	146 127/000/026 Analog Kit
Note#	Note		Note#	Note								
25	C#	0	13	C#	-1		3	Surdo Mute					
26	D	0	14	D	-1		3	Surdo Open					
27	D#	0	15	D#	-1			Hi Q					
28	E	0	16	E	-1			Whip Slap					
29	F	0	17	F	-1		4	Scratch Push					
30	F#	0	18	F#	-1		4	Scratch Pull					
31	G	0	19	G	-1			Finger Snap					
32	G#	0	20	G#	-1			Click Noise					
33	A	0	21	A	-1			Metronome Click					
34	A#	0	22	A#	-1			Metronome Bell					
35	B	0	23	B	-1			Seq Click L					
36	C	1	24	C	0			Seq Click H					
37	C#	1	25	C#	0			Brush Tap					
38	D	1	26	D	0	O		Brush Swirl					
39	D#	1	27	D#	0			Brush Slap					
40	E	1	28	E	0	O		Brush Tap Swirl				Reverse Cymbal	Reverse Cymbal
41	F	1	29	F	0	O		Snare Roll					
42	F#	1	30	F#	0			Castanet				Hi Q 2	Hi Q 2
43	G	1	31	G	0			Snare H Soft	Snare H Soft 2		SD Rock H	Snare L	SD Rock H
44	G#	1	32	G#	0			Sticks					
45	A	1	33	A	0			Bass Drum Soft				Bass Drum H	Bass Drum H
46	A#	1	34	A#	0			Open Rim Shot	Open Rim Shot 2				
47	B	1	35	B	0			Bass Drum Hard			Bass Drum H	BD Rock	BD Analog L
48	C	2	36	C	1			Bass Drum	Bass Drum 2		BD Rock	BD Gate	BD Analog H
49	C#	2	37	C#	1			Side Stick					Analog Side Stick
50	D	2	38	D	1			Snare M	Snare M 2	SD Room L	SD Rock L	SD Rock L	Analog Snare 1
51	D#	2	39	D#	1			Hand Clap					
52	E	2	40	E	1			Snare H Hard	Snare H Hard 2	SD Room H	SD Rock Rim	SD Rock H	Analog Snare 2
53	F	2	41	F	1			Floor Tom L		Room Tom 1	Rock Tom 1	E Tom 1	Analog Tom 1
54	F#	2	42	F#	1		1	Hi-Hat Closed					Analog HH Closed 1
55	G	2	43	G	1			Floor Tom H		Room Tom 2	Rock Tom 2	E Tom 2	Analog Tom 2
56	G#	2	44	G#	1		1	Hi-Hat Pedal					Analog HH Closed 2
57	A	2	45	A	1			Low Tom		Room Tom 3	Rock Tom 3	E Tom 3	Analog Tom 3
58	A#	2	46	A#	1		1	Hi-Hat Open					Analog HH Open
59	B	2	47	B	1			Mid Tom L		Room Tom 4	Rock Tom 4	E Tom 4	Analog Tom 4
60	C	3	48	C	2			Mid Tom H		Room Tom 5	Rock Tom 5	E Tom 5	Analog Tom 5
61	C#	3	49	C#	2			Crash Cymbal 1					Analog Cymbal
62	D	3	50	D	2			High Tom		Room Tom 6	Rock Tom 6	E Tom 6	Analog Tom 6
63	D#	3	51	D#	2			Ride Cymbal 1					
64	E	3	52	E	2			Chinese Cymbal					
65	F	3	53	F	2			Ride Cymbal Cup					
66	F#	3	54	F#	2			Tambourine					
67	G	3	55	G	2			Splash Cymbal					
68	G#	3	56	G#	2			Cowbell					Analog Cowbell
69	A	3	57	A	2			Crash Cymbal 2					
70	A#	3	58	A#	2			Vibraslap					
71	B	3	59	B	2			Ride Cymbal 2					
72	C	4	60	C	3			Bongo H					
73	C#	4	61	C#	3			Bongo L					
74	D	4	62	D	3			Conga H Mute					Analog Conga H
75	D#	4	63	D#	3			Conga H Open					Analog Conga M
76	E	4	64	E	3			Conga L					Analog Conga L
77	F	4	65	F	3			Timbale H					
78	F#	4	66	F#	3			Timbale L					
79	G	4	67	G	3			Agogo H					
80	G#	4	68	G#	3			Agogo L					
81	A	4	69	A	3			Cabasa					
82	A#	4	70	A#	3			Maracas					Analog Maracas
83	B	4	71	B	3	O		Samba Whistle H					
84	C	5	72	C	4	O		Samba Whistle L					
85	C#	5	73	C#	4			Guiro Short					
86	D	5	74	D	4	O		Guiro Long					
87	D#	5	75	D#	4			Claves					Analog Claves
88	E	5	76	E	4			Wood Block H					
89	F	5	77	F	4			Wood Block L					
90	F#	5	78	F#	4			Cuica Mute				Scratch Push	Scratch Push
91	G	5	79	G	4			Cuica Open				Scratch Pull	Scratch Pull
92	G#	5	80	G#	4		2	Triangle Mute					
93	A	5	81	A	4		2	Triangle Open					
94	A#	5	82	A#	4			Shaker					
95	B	5	83	B	4			Jingle Bell					
96	C	6	84	C	5			Bell Tree					
97	C#	6	85	C#	5								
98	D	6	86	D	5								
99	D#	6	87	D#	5								
100	E	6	88	E	5								
101	F	6	89	F	5								
102	F#	6	90	F#	5								
103	G	6	91	G	5								

Note	147 / 127/000/113 Dance Kit	148 / 127/000/033 Jazz Kit	149 / 127/000/041 Brush Kit	150 / 127/000/049 Symphony Kit	122 / 126/000/128 Alternate Group	StdKit1 + Chinese Perc.	151 / 126/000/001 SFX Kit 1	152 / 126/000/002 SFX Kit 2	153 / 126/000/113 Sound Effect Kit
E1	Reverse Cymbal								
F1									Drum Loop
F#1	Hi Q 2								
G1	AnSD Snappy	SD Jazz H Light	Brush Slap L						
A1	AnBD Dance-1			Bass Drum L					
A#1	AnSD OpenRim								
B1	AnBD Dance-2			Gran Cassa					
C2	AnBD Dance-3	BD Jazz	BD Jazz	Gran Cassa Mute			Cutting Noise	Phone Call	Heartbeat
C#2	Analog Side Stick						Cutting Noise 2	Door Squeak	Footsteps
D2	AnSD Q	SD Jazz L	Brush Slap	Marching Sn M				Door Slam	Door Squeak
D#2							String Slap	Scratch Cut	Door Slam
E2	AnSD Ana+Acoustic	SD Jazz M	Brush Tap	Marching Sn H				Scratch	Applause
F2	Analog Tom 1	Jazz Tom 1	Brush Tom 1	Jazz Tom 1				Wind Chime	Camera
F#2	Analog HH Closed 3							Telephone Ring 2	Horn
G2	Analog Tom 2	Jazz Tom 2	Brush Tom 2	Jazz Tom 2					Hiccup
G#2	Analog HH Closed 4								Cuckoo Clock
A2	Analog Tom 3	Jazz Tom 3	Brush Tom 3	Jazz Tom 3					Stream
A#2	Analog HH Open 2								Frog
B2	Analog Tom 4	Jazz Tom 4	Brush Tom 4	Jazz Tom 4					Rooster
C3	Analog Tom 5	Jazz Tom 5	Brush Tom 5	Jazz Tom 5					Dog
C#3	Analog Cymbal			Hand Cym. L					Cat
D3	Analog Tom 6	Jazz Tom 6	Brush Tom 6	Jazz Tom 6					Owl
D#3				Hand Cym.Short L					Horse Gallop
E3							Flute Key Click	Car Engine Ignition	Horse Neigh
F3								Car Tires Squeal	Cow
F#3								Car Passing	Lion
G3								Car Crash	Scratch
G#3	Analog Cowbell							Siren	Yo!
A3				Hand Cym. H				Train	Go!
A#3								Jet Plane	Get up!
B3				Hand Cym.Short H				Starship	Whoow!
C4								Burst	
C#4								Roller Coaster	
D4	Analog Conga H							Submarine	
D#4	Analog Conga M								
E4	Analog Conga L								
F4									
F#4									Huuaah!
G4					4	Dagu Mute			
G#4					5	Zhongcha Mute	Shower	Laugh	
A4					4	Dagu Heavy	Thunder	Scream	
A#4	Analog Maracas				5	Zhongcha Open	Wind	Punch	
B4						Paigu Middle	Stream	Heartbeat	
C5						Paigu Low	Bubble	Footsteps	
C#5					6	Xiaocha Mute	Feed		
D5						Bangu			
D#5	Analog Claves				6	Xiaocha Open			
E5						Bangzi			
F5						Muyu Low			
F#5	Scratch Push				7	Zhongluo Mute			Uh!+Hit
G5	Scratch Pull					Muyu Mid-Low			
G#5					7	Zhongluo Open			
A5						Muyu Middle			
A#5						Xiaoluo Open			
B5						Triangle Mute			
C6						Triangle Open	Dog	Machine Gun	Applause 1
							Horse	Laser Gun	Applause 2
							Bird Tweet 2	Explosion	Applause 3
								Firework	Applause 4
						Maou			

Style List

Style No.	Style Name
8 BEAT	
001	8BeatModern
002	60'sGtrPop
003	8BeatAdria
004	60's8Beat
005	8Beat
006	OffBeat
007	60'sRock
008	HardRock
009	RockShuffle
010	8BeatRock
16 BEAT	
011	16Beat
012	PopShuffle
013	GuitarPop
014	16BtUptempo
015	KoolShuffle
016	HipHopLight
BALLAD	
017	PianoBallad
018	LoveSong
019	6/8ModernEP
020	6/8SlowRock
021	OrganBallad
022	PopBallad
023	16BeatBallad
DANCE	
024	EuroTrance
025	Ibiza
026	SwingHouse
027	Clubdance
028	ClubLatin
029	Garage1
030	Garage2
031	TechnoParty
032	UKPop
033	HipHopGroove
034	HipShuffle
035	HipHopPop
DISCO	
036	70'sDisco
037	LatinDisco
038	SaturdayNight
039	DiscoHands
SWING & JAZZ	
040	BigBandFast
041	BigBandBallad
042	JazzClub
043	Swing1
044	Swing2
045	Five/Four
046	Dixieland
047	Ragtime

Style No.	Style Name
R & B	
048	Soul
049	DetroitPop
050	6/8Soul
051	CrocoTwist
052	Rock&Roll
053	ComboBoogie
054	6/8Blues
COUNTRY	
055	CountryPop
056	CountrySwing
057	Country2/4
058	Bluegrass
LATIN	
059	BrazilianSamba
060	BossaNova
061	Forro
062	Tijuana
063	Mambo
064	Salsa
065	Beguine
066	Reggae
BALLROOM	
067	VienneseWaltz
068	EnglishWaltz
069	Slowfox
070	Foxtrot
071	Quickstep
072	Tango
073	Pasodoble
074	Samba
075	ChaChaCha
076	Rumba
077	Jive
TRAD & WORLD	
078	USMarch
079	6/8March
080	GermanMarch
081	PolkaPop
082	OberPolka
083	Tarantella
084	Showtune
085	ChristmasSwing
086	ChristmasWaltz
087	ScottishReel
WALTZ	
088	SwingWaltz
089	JazzWaltz
090	CountryWaltz
091	OberWalzer
092	Musette
CHILDREN	
093	Learning2/4

Style No.	Style Name
094	Learning4/4
095	Learning6/8
096	Fun 3/4
097	Fun 4/4
PIANIST	
098	Stride
099	PianoSwing
100	PianoBoogie
101	Arpeggio
102	Habanera
103	SlowRock
104	8BeatPianoBallad
105	6/8PianoMarch
106	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	YesterPf
ROCK	
11	JumpRock
12	PickUpPc
13	RdRiverR
14	SatsfyGt
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	WhisprSx
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	MistySax
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	WhteXmas
70	WishStar
71	WondrWld
LATIN	
72	BambaLa
73	BeHappy!
74	CopaLola
75	DayNight
76	Ipanema
77	MuchoTrp
78	Sunshine
79	Tico Org
80	TrbWave
COUNTRY	
81	BoxerFlt
82	CntryRds
83	Jambala
84	TopWorld
85	YlwRose
BALLROOM	
86	BrazilBr
87	CherryTp
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	XmasWalz
100	YankDood

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 Marsch (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)

- 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/

Effect Type List

Harmony Types

No.	Harmony Type	Description
01	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.
02	Trio	
03	Block	
04	Country	
05	Octave	
06	Trill 1/4 note	
07	Trill 1/6 note	
08	Trill 1/8 note	
09	Trill 1/12 note	If you keep holding down two different notes, the notes alternate (in a trill) continuously.
10	Trill 1/16 note	
11	Trill 1/24 note	
12	Trill 1/32 note	
13	Tremolo 1/4 note	
14	Tremolo 1/6 note	
15	Tremolo 1/8 note	
16	Tremolo 1/12 note	If you keep holding down a single note, the note is repeated continuously. (The repeat speed differs depending on the selected type.)
17	Tremolo 1/16 note	
18	Tremolo 1/24 note	
19	Tremolo 1/32 note	
20	Echo 1/4 note	
21	Echo 1/6 note	
22	Echo 1/8 note	
23	Echo 1/12 note	If you keep holding down a note, echo is applied to the note played. (The echo speed differs depending on the selected type.)
24	Echo 1/16 note	
25	Echo 1/24 note	
26	Echo 1/32 note	

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
01–02	Chorus 1–2	Conventional chorus program with rich, warm chorusing.
03–04	Flanger 1–2	This produces a rich, animated wavering effect in the sound.
05	Off	No effect.

Specifications

Size/Weight	Dimensions	W x D x H	945 x 369 x 132 mm (37-3/16" x 14-1/2" x 5-3/16")
	Weight		4.9kg (10 lbs. 13 oz.) (not including batteries)
Keyboard	Number of Keys		61
	Touch Response		Yes
Display	Type		LCD display
	Backlit		Yes
	Language		English
Panel	Language		English
Voices	Tone Generation	Tone Generating Technology	AWM Stereo Sampling
	Polyphony	Number of Polyphony (Max.)	32
	Preset	Number of Voices	140 panel voices + 13 drum/SFX kits + 344 XGlite voices
	Compatibility		GM/XGlite
Effects	Types	Reverb	9 types
		Chorus	4 types
		Ultra-Wide Stereo	3 types
		Harmony	26 types
	Function	Dual	Yes
		Split	Yes
		Panel Sustain	Yes
Accompaniment Styles	Preset	Number of Preset Styles	106
		Fingering	Multi fingering
		Style Control	ACMP ON/OFF, SYNC START, START/STOP, INTRO/ENDING/rit., MAIN/AUTO FILL
	Custom	User Styles	Yes
	Other Features	Music Database	100
		One Touch Setting (OTS)	Yes
Songs	Preset	Number of Preset Songs	102
	Recording	Number of Songs	5
		Number of Tracks	2
		Data Capacity	Approx. 10,000 notes (when only "melody" tracks are recorded) Approx. 5,500 chords (when only "chord" tracks are recorded)
		Recording Function	Yes
	Compatible Data Format	Playback	SMF
		Recording	Original File Format
Functions	Lesson		[1 LISTENING, 2 TIMING, 3 WAITING], [KEYS TO SUCCESS], [PHRASE REPEAT], [CHORD DICTIONARY], [A-B REPEAT]
	Overall Controls	Metronome	Yes
		Tempo Range	11 – 280
		Transpose	-12 – 0 – +12
		Tuning	427.0 - 440.0 - 453.0 Hz
	Miscellaneous	Portable Grand Button	Yes
Storage and Connectivity	Internal Memory		1.7MB
	Connectivity		PHONES/OUTPUT, DC IN, USB TO HOST, SUSTAIN
Amplifiers and 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 Others: PA-3C, PA-130 or an equivalent • Batteries:Six "AA" size, LR6 or equivalent batteries
	Power Consumption		7W (When using PA-130 power adaptor)
	Auto Power Off Function		Yes
Included Accessories			• Music Rest • Owner's Manual • My Yamaha Product User Registration • AC Power adaptor* (PA-130 or an equivalent recommended by Yamaha) * May not be included depending on your particular area. Please check with your Yamaha dealer.
Optional Accessories			• Adaptor: Users within U.S or Europe: PA-130 or an equivalent Others: PA-3C, PA-130 or an equivalent • Footswitch: FC4/FC5 • Keyboard Stand: L-2C/L-2L • Headphones: HPE-150/HPE-30

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

Index

Memo

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

English
Important Notice: Guarantee Information for customers in EEA* and Switzerland
For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country (next page). * EEA: European Economic Area

Deutsch
Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz
Für nähere Garantie-Information über dieses Produkt von Yamaha, sowie über den 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 (nächste Seite). *EWR: Europäischer Wirtschaftsraum

Français
Remarque importante: informations de garantie pour les clients de l'EEE* et la Suisse
Pour des informations plus détaillées sur la garantie de ce produit Yamaha et sur le service de garantie applicable dans l'ensemble de l'EEE ainsi qu'en Suisse, consultez notre site Web à l'adresse ci-dessous (le fichier imprimable est disponible sur notre site Web) ou contactez directement Yamaha dans votre pays de résidence (page suivante). * EEE : Espace Economique Européen

Nederlands
Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland
Voor gedetailleerde garantie-informatie over dit Yamaha-product en de garantieservice in heel de EER* en Zwitserland, gaat u naar de onderstaande website (u vind een afdrukbaar bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land (volgende pagina). * EER: Europese Economische Ruimte

Español
Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza
Para una información detallada sobre este producto Yamaha y sobre el soporte de garantía en la zona EEE* y Suiza, visite la dirección web que se incluye más abajo (la versión del archivo para imprimir está disponible en nuestro sitio web) o póngase en contacto con el representante de Yamaha en su país (página siguiente). * EEE: Espacio Económico Europeo

Italiano
Avviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera
Per informazioni dettagliate sulla garanzia relativa a questo prodotto Yamaha e l'assistenza in garanzia nei paesi EEA* e in Svizzera, potete consultare il sito Web all'indirizzo riportato di seguito (è disponibile il file in formato stampabile) oppure contattare l'ufficio di rappresentanza locale della Yamaha (pagina seguente). * EEA: Area Economica Europea

Português
Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça
Para obter uma informação pormenorizada sobre este produto da Yamaha e sobre o serviço de garantia na AEE* e na Suíça, visite o site a seguir (o arquivo para impressão está disponível no nosso site) ou entre em contato com o escritório de representação da Yamaha no seu país (próxima página). * AEE: Área Econômica Européia

Ελληνικά
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 απευθυνθείτε στην αντιπροσωπεία της Yamaha στη χώρα σας (επόμενη σελίδα). * ΕΟΧ: Ευρωπαϊκός Οικονομικός Χώρος

Svenska
Viktigt: Garantiinformation för kunder i EES-området* och Schweiz
För detaljerad information om denna Yamahaprodukt samt garantiservice i hela EES-området* och Schweiz kan du antingen besöka nedanstående webbaddress (en utskriftsvänlig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land (nästa sida). * EES: Europeiska Ekonomiska Samarbetsområdet

Norsk
Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits
Detaljert garantiinformasjon om dette Yamaha-produktet og garantiservice for hele EØS-området* og Sveits kan fås enten ved å besøke nettadressen nedenfor (utskriftsversjon finnes på våre nettsider) eller kontakte kontakte Yamaha-kontoret i landet der du bor (neste side). *EØS: Det europeiske økonomiske samarbeidsområdet

Dansk
Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz
De kan finde detaljerede garantioplysninger om dette Yamaha-produkt og den fælles garantiserviceordning for EØO* (og Schweiz) ved at besøge det websted, der er angivet nedenfor (der findes en fil, som kan udskrives, på vores websted), eller ved at kontakte Yamahas nationale repræsentationskontor i det land, hvor De bor (næste side). * EØO: Det Europæiske Økonomiske Område

Suomi
Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille
Tämän Yamaha-tuotteen sekä ETA-alueen ja Sveitsin takuuta koskevat yksityiskohtaiset tiedot saatte alla olevasta nettiosoitteesta. (Tulostettava tiedosto saatavissa sivustollamme.) Voitte myös ottaa yhteyttä paikalliseen Yamaha-edustajaan (seuraavalla sivulla). *ETA: Euroopan talousalue

Polski
Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii
Aby dowiedzieć się więcej na temat warunków gwarancyjnych tego produktu firmy Yamaha i serwisu gwarancyjnego w całym EOG* i Szwajcarii, należy odwiedzić wskazaną poniżej stronę internetową (Plik gotowy do wydruku znajduje się na naszej stronie internetowej) lub skontaktować się z przedstawicielstwem firmy Yamaha w swoim kraju (następna strona). * EOG — Europejski Obszar Gospodarczy

Česky
Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku
Podrobné záruční informace o tomto produktu Yamaha a záručním servisu v celém EHS a ve Švýcarsku naleznete na níže uvedené webové adrese (soubor k tisku je dostupný na našich webových stránkách) nebo se můžete obrátit na zastoupení firmy Yamaha ve své zemi (další stránka). * EHS: Evropský hospodářský prostor

Magyar
Fontos figyelmeztetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára
A jelen Yamaha termékre vonatkozó részletes garancia-információk, valamint az EGT*-re és Svájcra kiterjedő garanciális szolgáltatás tekintetében keresse fel webhelyünket az alábbi címen (a webhelyen nyomtatható fájlt is talál), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviseleti irodával (következő oldal). * EGT: Európai Gazdasági Térség

Eesti keel
Oluline märkus: Garantiiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele
Täpsema teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval prinditav fail) või pöörduge Teie regiooni Yamaha esinduse poole (järgmine lehekülg). * EMP: Euroopa Majanduspiirkond

Latviešu
Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicē
Lai saņemtu detalizētu garantijas informāciju par šo Yamaha produktu, kā arī garantijas apkalpošanu EEZ* un Šveicē, lūdzu, apmeklējiet zemāk norādīto tīmekļa vietnes adresi (tīmekļa vietnē ir pieejams drukājams fails) vai sazinieties ar jūsu valsti apkalpojošo Yamaha pārstāvniecību (nākamā lappuse). * EEZ: Eiropas Ekonomikas zona

Lietuvių kalba
Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje
Jei reikia išsamios informacijos apie šį „Yamaha" produktą ir jo techninę priežiūrą visoje EEE* ir Šveicarijoje, apsilankykite mūsų svetainėje toliau nurodytu adresu (svetainėje yra spausdintinas failas) arba kreipkitės į „Yamaha" atstovybę savo šaliai (kitas puslapis). *EEE – Europos ekonominė erdvė

Slovenčina
Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku
Podrobné informácie o záruke týkajúce sa tohto produktu od spoločnosti Yamaha a garančnom 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 (nasledujúca strana). * EHP: Európsky hospodársky priestor

Slovenščina
Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in Švici
Za podrobnejše informacije o tem Yamahinem izdelku ter garancijskem servisu v celotnem EGP in Švici, obiščite spletno mesto, ki je navedeno spodaj (natisljiva datoteka je na voljo na našem spletnem mestu), ali se obrnite na Yamahinega predstavnika v svoji državi (naslednja stran). * EGP: Evropski gospodarski prostor

Български език
Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария
За подробна информация за гаранцията за този продукт на Yamaha и гаранционното обслужване в паневропейската зона на ЕИП* и Швейцария или посетете посочения по-долу уеб сайт (на сайта има файл за печат), или се свържете с представителния офис на Yamaha във вашата страна (следваща страница). * ЕИП: Европейско икономическо пространство

Limba română
Notificare importantă: Informaţii despre garanţie pentru clienţii din SEE* şi Elveţia
Pentru informaţii detaliate privind acest produs Yamaha şi serviciul de garanţie Pan-SEE* şi Elveţia, vizitaţi site-ul la adresa de mai jos (fişierul imprimabil este disponibil pe site-ul nostru) sau contactaţi biroul reprezentanţei Yamaha din ţara dumneavoastră (pagina următoare). * SEE: Spaţiul Economic European

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

URL_3

Yamaha Representative Offices in Europe

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