



PORTATONE

# EZ-2000

Owner's Manual



## 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.

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

### SPECIFICATIONS SUBJECT TO CHANGE:

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

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

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

### NOTICE:

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

### ENVIRONMENTAL ISSUES:

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

#### Battery Notice:

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

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

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

#### Warning:

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

#### Disposal Notice:

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

#### NAME PLATE LOCATION:

The name plate is located on the 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)

### OBSERVERA!

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

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

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

(standby)

### Entsorgung leerer Batterien (nur innerhalb Deutschlands)

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

(battery)

# FCC INFORMATION (U.S.A.)

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

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

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

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

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

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

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

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

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

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

(class B)

## ● COPYRIGHT NOTICE

① Nine of the demo-songs (or compositions) included in this keyboard are as follows:

### Bad Day

- Words and Music by Daniel Powter
- Copyright © 2006 by Song 6 Music
- All Rights Administered by Ensign Music LLC
- International Copyright Secured All Rights Reserved

### Dancing Queen

- from MAMMA MIA!
- Words and Music by Benny Andersson, Bjorn Ulvaeus and Stig Anderson
- Copyright © 1977 UNION SONGS MUSIKFORLAG AB
- Copyright Renewed
- All Rights in the United States and Canada Controlled and Administered by UNIVERSAL — SONGS OF POLYGRAM INTERNATIONAL, INC. and EMI GROVE PARK MUSIC, INC.
- All Rights Reserved Used by Permission

### Daughters

- Words and Music by John Mayer
- Copyright © 2003 Specific Harm Music (ASCAP)
- International Copyright Secured All Rights Reserved

### Fallin'

- Words and Music by Alicia Keys
- © 2001 EMI APRIL MUSIC INC. and LELLOW PRODUCTIONS
- All Rights Controlled and Administered by EMI APRIL MUSIC INC.
- All Rights Reserved International Copyright Secured Used by Permission

### Hey Jude

- Words and Music by John Lennon and Paul McCartney
- Copyright © 1968 Sony/ATV Songs LLC
- Copyright Renewed
- All Rights Administered by Sony/ATV Music Publishing, 8 Music Square West, Nashville, TN 37203
- International Copyright Secured All Rights Reserved

### Linus And Lucy

- By Vince Guaraldi
- Copyright © 1965 LEE MENDELSON FILM PRODUCTIONS, INC.
- Copyright Renewed
- International Copyright Secured All Rights Reserved

### Since U Been Gone

- Words and Music by Martin Sandberg and Lukasz Gottwald
- Copyright © 2004 by Miratone AB and Kasz Money Publishing
- All Rights for Miratone AB in the world Administered by Zomba Music Publishers Ltd.
- All Rights for Zomba Music Publishers Ltd. in the U.S. Administered by Zomba Enterprises, Inc.
- International Copyright Secured All Rights Reserved

### You're Beautiful

- Words and Music by James Blunt, Sacha Skarbek and Amanda Ghost
- © 2005 EMI MUSIC PUBLISHING LTD., UNIVERSAL MUSIC PUBLISHING LTD. and BUCKS MUSIC LTD.
- All Rights for EMI MUSIC PUBLISHING LTD. in the U.S. and Canada Controlled and Administered by EMI BLACKWOOD MUSIC INC.
- All Rights for UNIVERSAL MUSIC PUBLISHING LTD. in the U.S. and Canada Controlled and Administered by UNIVERSAL — SONGS OF POLYGRAM INTERNATIONAL, INC.
- All Rights for BUCKS MUSIC LTD. in the U.S. Administered by DAVID PLATZ MUSIC (USA) INC.
- All Rights Reserved International Copyright Secured Used by Permission

### Your Song

- Words and Music by Elton John and Bernie Taupin
- Copyright © 1969 UNIVERSAL/DICK JAMES MUSIC LTD.
- Copyright Renewed
- All Rights in the United States and Canada Controlled and Administered by UNIVERSAL — SONGS OF POLYGRAM INTERNATIONAL, INC.
- All Rights Reserved Used by Permission

② One of the demo-songs (or compositions) included in this keyboard is as follows:

Composition Title : Just The Way You Are  
Composer's Name : Joel 0273671  
Copyright Owner's Name : EMI MUSIC PUBLISHING LTD

**CAUTION:** All Rights Reserved. Unauthorized copying, public performance and broadcasting are strictly prohibited regarding the above ten demo-songs.

# PRECAUTIONS

## PLEASE READ CAREFULLY BEFORE PROCEEDING

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



### WARNING

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

#### Power supply/AC power adaptor

- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use the specified adaptor (PA-3C, PA-130, or an equivalent recommended by Yamaha) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.
- Do not place the AC adaptor cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.

#### Do not open

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

#### Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings.
- Never insert or remove an electric plug with wet hands.

#### Fire warning

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

#### If you notice any abnormality

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



### CAUTION

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

#### Power supply/AC power adaptor

- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord.
- Unplug the AC power adaptor when not using the instrument, or during electrical storms.
- Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.

#### Battery

- 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.
- Always replace all batteries at the same time. Do not use new batteries together with old ones. Also, 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 dispose of batteries in fire.

- Do not attempt to recharge batteries that are not intended to be charged.
- 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.
- 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.

#### Location

- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the instrument, TV, or radio may generate noise.
- Do not place the instrument in an unstable position where it might accidentally fall over.

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

### Connections

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

Yamaha cannot be held responsible for damage caused by improper use or modifications to the instrument.

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

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

Make sure to discard used batteries according to local regulations.

- The illustrations and LCD screens as shown in this owner's manual are for instructional purposes only, and may appear somewhat different from those on your instrument.

### Maintenance

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

### Handling caution

- Do not insert a finger or hand in any gaps on the instrument.
- Never insert or drop paper, metallic, or other objects into the gaps on the panel or keyboard. If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.
- Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches or connectors.
- Do not use the instrument/device or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

### ● COPYRIGHT NOTICE

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.**

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.

### ● Trademarks

- The company names and product names in this Owner's Manual are the trademarks or registered trademarks of their respective companies.

***Congratulations and thank you for purchasing the Yamaha EZ-200 PortaTone!  
Please read this owner's manual carefully before using the instrument in order to take full advantage of its various features.  
Make sure to keep this manual in a safe and handy place even after you finish reading, and refer to it often when you need to better understand an operation or function.***

## Main features

The EZ-200 is a sophisticated yet easy-to-use keyboard with the following features and functions.

### ■ Yamaha Education Suite 5 (Y.E.S. 5)

The EZ-200 features the new Yamaha Education Suite—a set of learning tools that utilize the latest technology to make studying and practicing music more fun and fulfilling than ever before!

The Yamaha Education Suite includes:

- **Lesson**..... **page 29**  
The convenient and easy-to-use Lesson feature, guides you through the parts of a song—just like a patient teacher! Select from any one of 100 songs on the EZ-200, and learn the left- and right-hand parts independently at first, then together. Lesson features three easy steps that help you master each song: Listen and Learn, Timing and Waiting.
- **Built-in lighted Key Guide**..... **pages 29, 50**  
When you are using the Lesson feature or the Dictionary, the key indicators tell you which keys to play. Also, during song playback, they show the keys that are playing.
- **Fingering Guide**..... **page 29**  
The Fingering guide is shown on the display and shows you how to play the keyboard.
- **Dictionary**..... **page 50**  
Dictionary is a built-in “chord encyclopedia” that teaches you how to play specific chords by showing lighting keyboards—perfect for when you know the name of a chord and want to quickly learn how to play it!
- **Notice your Grade** ..... **page 32**  
The EZ-200 also has the Grade feature. Grade is a virtual “teacher,” evaluating your practice sessions and rating your performance over four levels.



### ■ Portable Grand™ ..... **page 17**

The EZ-200 also has a Portable Grand function for realistic piano performance with **TOUCH** sensitivity. Pressing the [PORTABLE GRAND] button instantly calls up the authentic “Stereo Sampled Piano” voice and configures the entire EZ-200 for optimum piano play. Special Pianist styles—with piano-only accompaniment—are also provided.

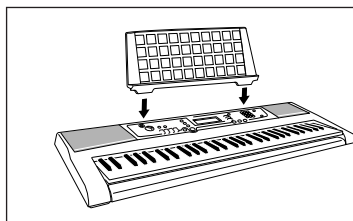
### ■ XGlite voices..... **page 58**

The EZ-200 has total of 375 high-quality instrument voices (Stereo Grand Piano, 361 XGlite Voices, 12 Drum Kits and Sound Effect Kit) and features 32-note polyphony.

- 100 dynamic auto accompaniment Styles.
- Built-in convenient tap tempo function.
- MIDI terminals for interfacing with other instrument or computer.

## Supplied accessories

- Music rest
- Song Book
- Owner's Manual



### Music Rest

Insert the bottom edge of the included music rest into the slot located at the top rear of the EZ-200 control panel.



# Contents

|   |           |
|---|-----------|
| Main features .....                           | 6         |
| Supplied accessories .....                    | 6         |
| <b>Setting Up</b> .....                       | <b>8</b>  |
| Power Requirements .....                      | 8         |
| Connecting headphones (PHONES/OUTPUT Jack) .. | 9         |
| Connecting a footswitch (SUSTAIN Jack) .....  | 9         |
| Using the MIDI Terminals .....                | 9         |
| Turn on the power .....                       | 9         |
| <b>Panel Controls and Terminals</b> .....     | <b>10</b> |
| Front Panel .....                             | 10        |
| Rear Panel .....                              | 10        |

## — Quick Guide —

|  |           |
|--|-----------|
| <b>Step 1</b>                                    |           |
| <b>Playing the Songs</b> .....                   | <b>12</b> |
| Turn the power on and adjust the volume.....     | 12        |
| Listen to the Demo Songs.....                    | 13        |
| Selecting and listening to a specific Song.....  | 13        |
| <b>Step 2</b>                                    |           |
| <b>Changing the Voices</b> .....                 | <b>16</b> |
| Try playing a variety of instrument Voices ..... | 16        |
| Playing the Grand Piano Voice .....              | 17        |
| Drum kits .....                                  | 18        |
| <b>Step 3</b>                                    |           |
| <b>Play with the metronome</b> .....             | <b>20</b> |
| Start the metronome .....                        | 20        |
| <b>Step 4</b>                                    |           |
| <b>Play with a Style</b> .....                   | <b>23</b> |
| Selecting a rhythm of a Style .....              | 23        |
| Playing with a Style .....                       | 24        |

|   |           |
|---|-----------|
| <b>Basic Operation and Displays</b> .....       | <b>26</b> |
| Basic Operation .....                           | 26        |
| Display .....                                   | 28        |
| <b>Song Lesson</b> .....                        | <b>29</b> |
| Practice by using the Light Guide function..... | 29        |
| Practice by using the Fingering guide.....      | 29        |
| Lesson 1 (Listen & Learn) .....                 | 30        |
| Lesson 2 (Timing) .....                         | 31        |
| Lesson 3 (Waiting) .....                        | 32        |
| <b>Song settings</b> .....                      | <b>33</b> |
| Changing the Melody Voice .....                 | 33        |
| Song Volume .....                               | 33        |
| Mute .....                                      | 34        |
| Practice Makes Perfect .....                    | 35        |

|  |           |
|--|-----------|
| <b>Handy Performance Features</b> .....                              | <b>36</b> |
| Setting the Split Point .....  | 36        |
| Transpose .....  | 37        |
| Tuning .....   | 37        |
| One Touch Setting .....  | 38        |
| Changing the tempo of the Song/Style.....                            | 38        |
| Touch Response .....   | 39        |
| Adjusting the Main Voice Parameters .....                            | 40        |
| <b>Play With a Variety of Effects</b> .....                          | <b>41</b> |
| Adding Reverb.....   | 41        |
| Adding Panel Sustain .....   | 42        |
| <b>Style (Auto Accompaniment) Functions</b> .....                    | <b>43</b> |
| Various ways to start and stop Style playback .....                  | 43        |
| Pattern Variation (Sections) .....                                   | 45        |
| Adjusting the Style Volume .....                                     | 47        |
| <b>Playing Auto Accompaniment Chords</b> .....                       | <b>48</b> |
| Easy Chords .....  | 48        |
| Standard Chords .....  | 48        |
| Looking up Chords Using the Chord Dictionary .....                   | 50        |
| <b>Function Settings</b> .....                                       | <b>52</b> |
| Select the item and change the value .....                           | 52        |
| <b>About MIDI</b> .....  | <b>54</b> |
| What is MIDI? .....  | 54        |
| What You Can Do With MIDI.....                                       | 54        |
| Transferring Performance Data To and<br>From Another Instrument..... | 55        |
| <b>Troubleshooting</b> .....   | <b>57</b> |
| <b>Voice List</b> .....  | <b>58</b> |
| Maximum Polyphony .....  | 58        |
| <b>Drum Kit List</b> .....   | <b>63</b> |
| <b>Style List</b> .....  | <b>66</b> |
| <b>Effect Type List</b> .....  | <b>67</b> |
| <b>MIDI Implementation Chart</b> .....                               | <b>68</b> |
| <b>MIDI Data Format</b> .....  | <b>70</b> |
| Effect map .....   | 70        |
| <b>Specifications</b> .....  | <b>71</b> |
| <b>Index</b> .....   | <b>72</b> |

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 power of the instrument is off (display is blank, except for notation staff).

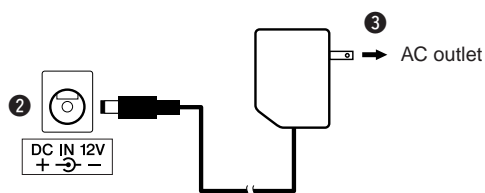
#### ⚠ **WARNING**

- Use the specified adaptor (PA-3C, PA-130, or an equivalent recommended by Yamaha) only. The use of other adaptors may result in irreparable damage to both the adaptor and the instrument.

- 2 Connect the AC 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.

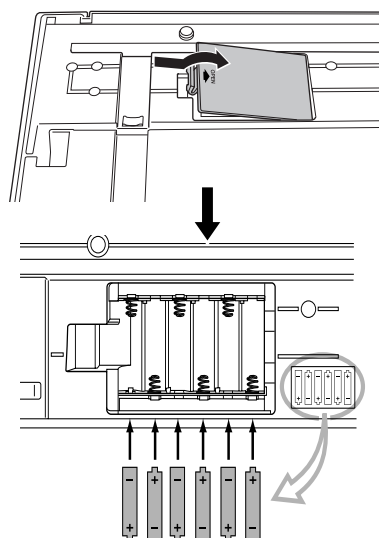


### ■ Using Batteries

- 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.

#### ⚠ **CAUTION**

- Never connect or disconnect the AC power adaptor when the power is on and the batteries are installed. Doing so will turn the power off.



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.

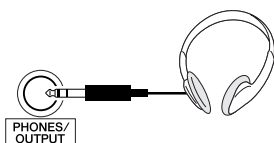
#### ⚠ **CAUTION**

- Use alkaline batteries for this instrument. Other types of batteries (including rechargeable batteries) may have sudden drops of power when battery power becomes low.
- 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.



Make all necessary connections BEFORE turning the power on.

### Connecting headphones (PHONES/OUTPUT Jack)



The EZ-200 speakers are automatically shut off when a plug is inserted into this jack. The PHONES/OUTPUT jack also functions as an external output.

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

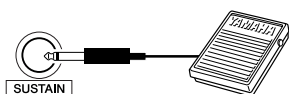
#### **WARNING**

- 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 external devices at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

### Connecting a footswitch (SUSTAIN Jack)

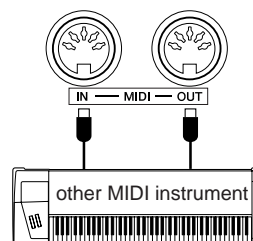


The sustain function lets you produce a natural sustain as you play by pressing an optional footswitch. Plug the Yamaha FC4 or FC5 footswitch into this jack and use it to switch sustain on and off.

#### **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.

### Using the MIDI Terminals



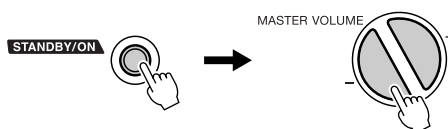
The instrument also features MIDI terminals, allowing you to interface the instrument with other MIDI instruments or computers. (For more information, see page 54.)

#### **NOTE**

- MIDI cables (sold separately) must be used for connecting to MIDI devices. They can be bought at music stores, etc.

### Turn on the power

Press the [STANDBY/ON] switch to turn on the power. Pressing the switch again turns the power off. When you first turn on the power, make sure to turn down the volume of the instrument by pressing the MASTER VOLUME [-] button several times. While playing the keyboard, adjust the volume level by using the MASTER VOLUME [+] and [-] buttons.



All panel settings as well as the settings made via the display are reset to their default values whenever the power is turned 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.

# Panel Controls and Terminals

## ■ Front Panel

- ① [STANDBY/ON] switch ..... page 9, 26
- ② MASTER VOLUME
  - [+] button ..... pages 9, 26
  - [-] button ..... pages 9, 26
- ③ LESSON PART
  - [L] button ..... page 30
  - [R] button ..... page 30
- ④ [LISTEN & LEARN] button ..... page 31
- ⑤ [TIMING] button ..... page 31
- ⑥ [WAITING] button ..... page 32
- ⑦ [FUNCTION] button ..... pages 52, 27
- ⑧ [SONG] button ..... pages 13, 27
- ⑨ [STYLE] button ..... pages 23, 27
- ⑩ [VOICE] button ..... pages 16, 27
- ⑪ Number buttons [0]–[9], [+], [-] ..... page 27
- ⑫ [DEMO] button ..... page 13
- ⑬ [METRONOME ON/OFF] button ..... page 20

### When the Song mode

- ⑭ [A-B REPEAT] button ..... page 35
- ⑮ [REW] button ..... page 14
- ⑯ [FF] button ..... page 14
- ⑰ [PAUSE] button ..... page 14

### When the Style mode

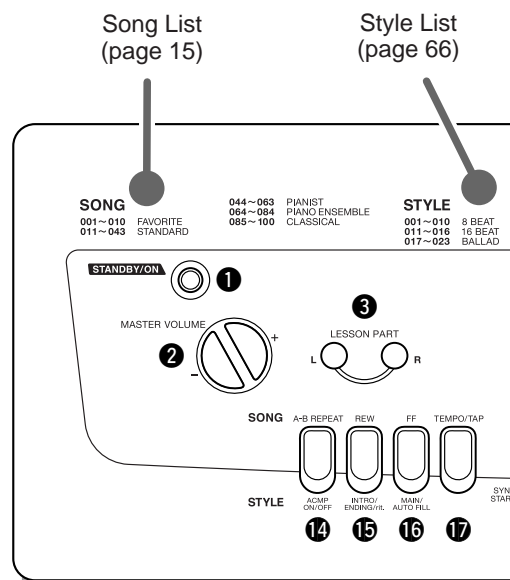
- ⑭ [ACMP ON/OFF] button ..... page 24
- ⑮ [INTRO/ENDING/rit.] button ..... page 45
- ⑯ [MAIN/AUTO FILL] button ..... page 45
- ⑰ [SYNC START] button ..... page 24

- ⑰ [TEMPO/TAP] button ..... page 38
- ⑲ [START/STOP] button ..... page 26
- ⑳ [PORTABLE GRAND] button ..... page 17
- ㉑ [LIGHT ON/OFF] button ..... page 29
- ㉒ [TOUCH ON/OFF] button ..... page 39
- ㉓ DRUM KIT icons ..... page 18

## ■ Rear Panel

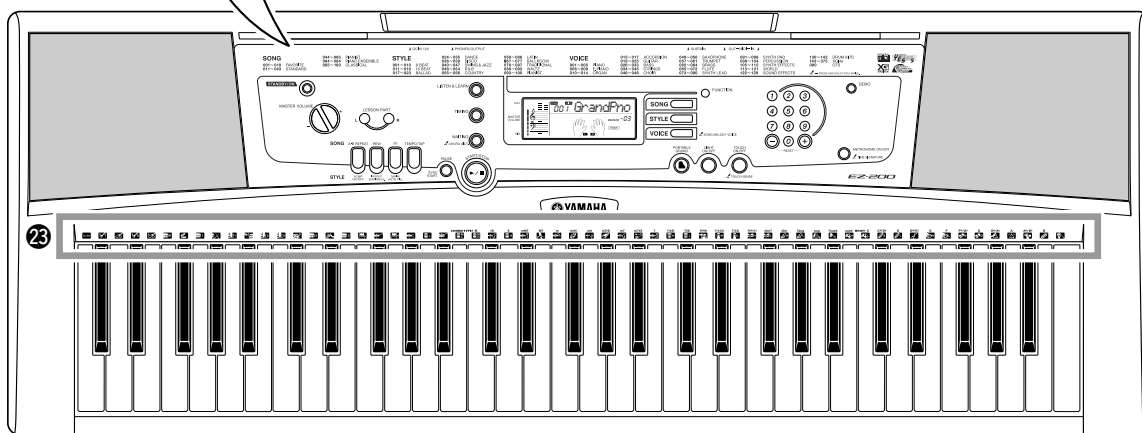
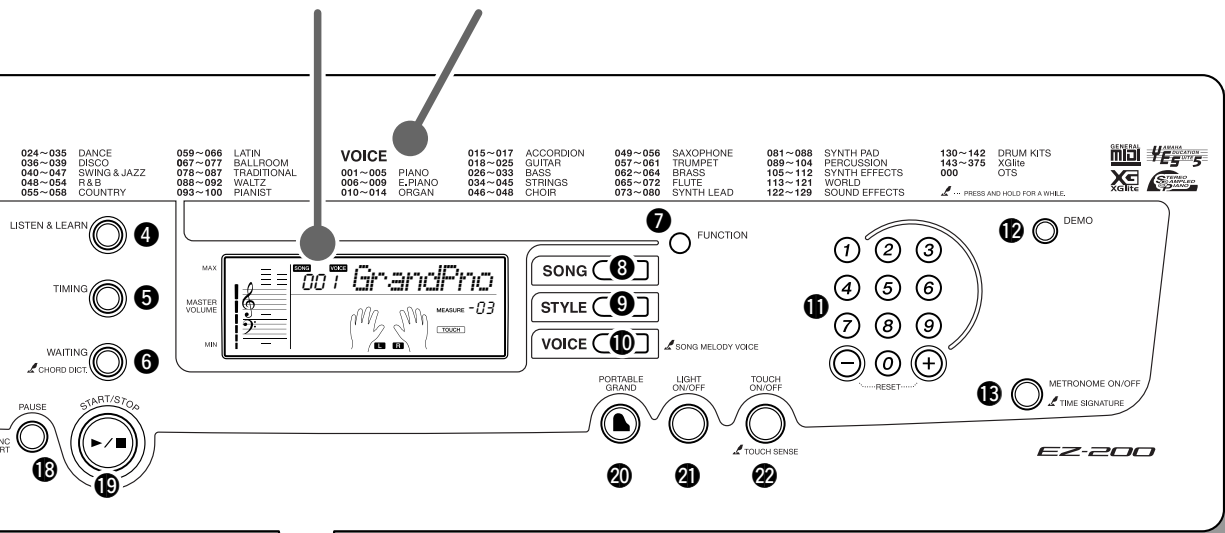
- ㉔ MIDI IN/OUT terminals ..... page 54
- ㉕ SUSTAIN jack ..... page 9
- ㉖ PHONES/OUTPUT jack ..... page 9
- ㉗ DC IN 12V jack ..... page 8

## ■ Front Panel

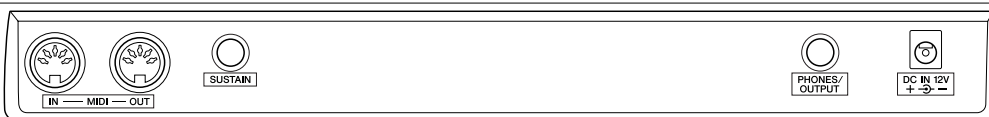


Display (page 28)

Voice List (page 58)



■ Rear Panel



24

25

26

27

**CAUTION**

- *Playing while looking at the lights for a long period of time may cause eyestrain or stiffness in your neck and shoulders. For your health and comfort, we recommend that you take a ten-minute break after every hour of playing.*



— Quick Guide —

# Playing the Songs



## Turn the power on and adjust the volume

### Turning the power on



Press the [STANDBY/ON] switch to turn on the power.  
Press the [STANDBY/ON] switch again to turn the power off.

### Adjust the volume

When turning the power on, bars appear at the left side in the display to indicate the value of the master volume.

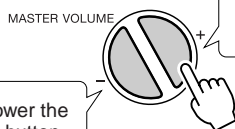


Displays the current volume.

When you first turn on the power, make sure to turn down the volume of the instrument by pressing the MASTER VOLUME [-] button several times. While playing the keyboard, adjust the volume level by using the MASTER VOLUME [+] and [-] buttons.



- When the power is turned on, the initial value is automatically set to 12 (indicated by six bars in the display).



Press the [+] button to increase the volume. Pressing the [+] button twice increases the bar indication in the display by one.

Press the [-] button to lower the volume. Pressing the [-] button twice decreases the bar indication in the display by one.

If you are using the instrument in a quiet place and want a lower volume setting to start with, simultaneously hold down the MASTER VOLUME [-] button and turn on the power with the [STANDBY/ON] switch. This automatically sets the value to 4 (indicated by two bars).

## Listen to the Demo Songs

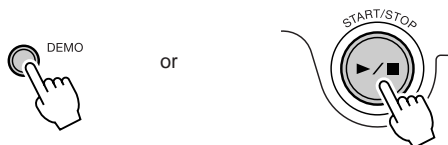
This instrument has 100 built-in Demo Songs.

To listen to the Songs, press the [DEMO] button.

The Songs play back in the Song number order.



Press the [DEMO] or [START/STOP] button again to stop the Song.

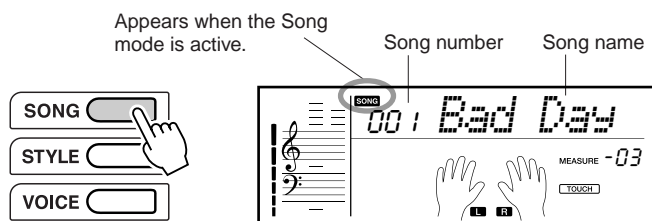


## Selecting and listening to a specific Song

Select the desired song number and play it.

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

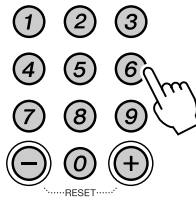
The Song number and name are displayed.



## 2

Select the desired Song by using the number buttons [0]–[9], [+], [-].

Refer to the Song List on page 15.

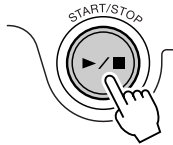


## 3

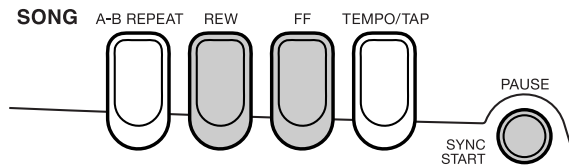
Press the [START/STOP] button.

The Song will begin playing.

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



### ● Other Operations



**[REW] button** ..... Fast-reverses through 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 through 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.



## ● Song List

| No.             | Song Name  | No.                   | Song Name   | No.              | Song Name  |
|-----------------|--|-----------------------|---|------------------|--|
| <b>Favorite</b> |  | 035                   | Londonderry Air (Traditional)                             | 068              | Die Schlitzenfahrt K.605-3 (W. A. Mozart)                    |
| 001             | Bad Day (Daniel Powter)                                      | 036                   | When Irish Eyes Are Smiling (E.R. Ball)                   | 069              | Ave Verum Corpus (W. A. Mozart)                              |
| 002             | Dancing Queen (Benny Andersson, Bjorn Ulvaeus, Sig Anderson) | 037                   | Muss I Denn (F. Silcher)                                  | 070              | Piano Sonate op.27-2 "Mondschein" (L.v. Beethoven)           |
| 003             | Daughters (John Mayer)                                       | 038                   | America The Beautiful (S.A. Ward)                         | 071              | Ode to Joy (L.v. Beethoven)                                  |
| 004             | Fallin' (Alicia Keys)  | 039                   | O Christmas Tree (Traditional)                            | 072              | Canon (J. Pachelbel)   |
| 005             | Hey Jude (John Lennon, Paul McCartney)                       | 040                   | Jingle Bells (J.S. Pierpont)                              | 073              | Air de Toreador "Carmen" (G. Bizet)                          |
| 006             | Linus And Lucy (Vince Guaraldi)                              | 041                   | Silent Night (F. Gruber)                                  | 074              | The SurpriseSymphony (F.J. Haydn)                            |
| 007             | Since U Been Gone (Martin Sandberg, Lukasz Gottwald)         | 042                   | Deck The Halls (Traditional)                              | 075              | Gavotte (F.J. Gossec)  |
| 008             | You're Beautiful (James Blunt, Sacha Skarbek, Amanda Ghost)  | 043                   | Amazing Grace (Traditional)                               | 076              | Menuett (J.S. Bach)  |
| 009             | Your Song (Elton John, Bernie Taupin)                        | <b>Pianist</b>        |   | 077              | String Quartet No.17 2nd mov. "Serenade" (F.J. Haydn)        |
| 010             | Just The Way You Are (Billy Joel)                            | 044                   | Für Elise (L.v. Beethoven)                                | 078              | Song Of The Pearl Fisher (G. Bizet)                          |
| <b>Standard</b> |  | 045                   | Etude op.10-3 "Chanson De L'adieu" (F. Chopin)            | 079              | Jesu, Joy Of Man's Desiring (J.S. Bach)                      |
| 011             | Scarborough Fair (Traditional)                               | 046                   | Turkish March (W.A. Mozart)                               | 080              | Der Vogelfänger bin ich ja (W. A. Mozart)                    |
| 012             | Three Blind Mice (Traditional)                               | 047                   | Valse op.64-1 "Petit Chien" (F. Chopin)                   | 081              | The Danube Waves (I. Ivanovici)                              |
| 013             | O du lieber Augustin (Traditional)                           | 048                   | Menuett/Beethoven (L.v. Beethoven)                        | 082              | O Mio Babbino Caro (From "Gianni Schicchi") (G. Puccini)     |
| 014             | London Bridge (Traditional)                                  | 049                   | 24 Preludes op.28-7 (F. Chopin)                           | 083              | Liebesträume Nr.3 (F. Liszt)                                 |
| 015             | Believe Me If All Those Endearing Young Charms (Traditional) | 050                   | Melodie (Album für die Jugend) (R. Schumann)              | 084              | To A Wild Rose (E.A. MacDowell)                              |
| 016             | Ave Maria (F. Schubert)                                      | 051                   | Fröhlicher Landmann (Album für die Jugend) (R. Schumann)  | <b>Classical</b> |  |
| 017             | Grandfather's Clock (H.C. Work)                              | 052                   | Träumerei (Kinderszenen) (R. Schumann)                    | 085              | Waltz (The Sleeping Beauty) (P. I. Tchaikovsky)              |
| 018             | Twinkle Twinkle Little Star (Traditional)                    | 053                   | Thema (Impromptus D.935-3) (F. Schubert)                  | 086              | Air (Orchestral Suite) (J. S. Bach)                          |
| 019             | I've Been Working On The Railroad (Traditional)              | 054                   | Invention Nr.1 (J. S. Bach)                               | 087              | Siciliano/J. S. Bach (J. S. Bach)                            |
| 020             | Little Brown Jug (Traditional)                               | 055                   | Gavotte/J. S. Bach (J. S. Bach)                           | 088              | Menuet (L'Arlesienne) (G. Bizet)                             |
| 021             | When The Saints Go Marchin' In (Traditional)                 | 056                   | Arietta/Grieg (E. Grieg)                                  | 089              | Largo (From the New World) (A. Dvořák)                       |
| 022             | Aloha Oe (Q. Liliuokalani)                                   | 057                   | La Chevaleresque (J. F. Burgmüller)                       | 090              | Pizzicato Polka (J. Strauss II)                              |
| 023             | Home Sweet Home (H. Bishop)                                  | 058                   | Prelude (Wohltemperierte Klavier 1-1) (J.S. Bach)         | 091              | Frühlingslied (F. Mendelssohn)                               |
| 024             | Loch Lomond (Traditional)                                    | 059                   | Annie Laurie (Traditional)                                | 092              | La Primavera (From Le Quattro Stagioni) (A. Vivaldi)         |
| 025             | Bill Bailey (Won't You Please Come Home) (H. Cannon)         | 060                   | Moments Musicaux op.94-3 (F. Schubert)                    | 093              | Orphée Aux Enfers Overture (J. Offenbach)                    |
| 026             | Down By The Riverside (Traditional)                          | 061                   | La Violette (Streabog)                                    | 094              | Danse Des Mirlitons From "The Nutcracker" (P.I. Tchaikovsky) |
| 027             | Aura Lee (G. Poulton)  | 062                   | Menuett (L. Boccherini)                                   | 095              | Slavonic Dances No.10 (A. Dvořák)                            |
| 028             | Greensleeves (Traditional)                                   | 063                   | The Entertainer (S. Joplin)                               | 096              | Guillaume Tell (G. Rossini)                                  |
| 029             | My Bonnie (H.J Fulmer)                                       | <b>Piano Ensemble</b> |   | 097              | Méditation De Thais (J. Massenet)                            |
| 030             | Funiculi-Funicula (L. Denza)                                 | 064                   | Nocturne op.9-2 (F. Chopin)                               | 098              | Ungarische Tänze Nr.5 (J. Brahms)                            |
| 031             | Die Lorelei (F. Silcher)                                     | 065                   | Ave Maria/J. S. Bach – Gounod (J. S. Bach / C. F. Gounod) | 099              | Valse Des Fleurs (From "The Nutcracker") (P.I. Tchaikovsky)  |
| 032             | Wenn ich ein Vöglein wär (Traditional)                       | 066                   | Piano Concerto No.21 2nd mov. (W. A. Mozart)              | 100              | Frühlingsstimmen (J. Strauss II)                             |
| 033             | Turkey In The Straw (Traditional)                            | 067                   | Romanze (Serenade K.525) (W. A. Mozart)                   |                  |  |
| 034             | Old Folks At Home (S.C. Foster)                              |                       |   |                  |  |

- The Song 001–005, 007–009, 013, 014, 085–090 do not have a left part. Therefore, the lesson is applicable only for the right hand.
- Songs of he classic and/or traditional songs have been edited for length or for ease in learning, and may not be exactly the same as the original.

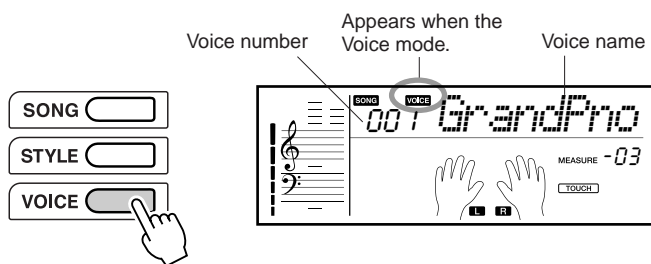
# Changing the Voices

## Try playing a variety of instrument Voices

In addition to the piano Voice, a wide variety of other instrument Voices can be selected and played, including guitar, trumpet and flute. The Voice selected here becomes the Main Voice.

### 1 Press the [VOICE] button.

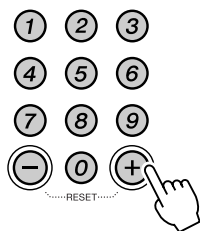
The Voice number and name are displayed.



### 2 Select a Voice.

Select the desired Voice by using the number buttons [0]–[9], [+], [-].

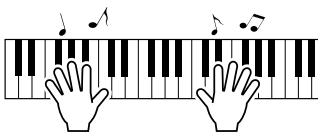
Refer to the Voice List on page 66.



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

Selecting Voice number 000 (One Touch Setting) automatically calls the most suitable voice for the currently selected Style or Song. (Refer to page 38.)

### 3 Play the keyboard.



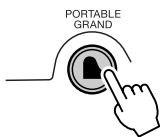
Try selecting and playing different Voices.

## 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.

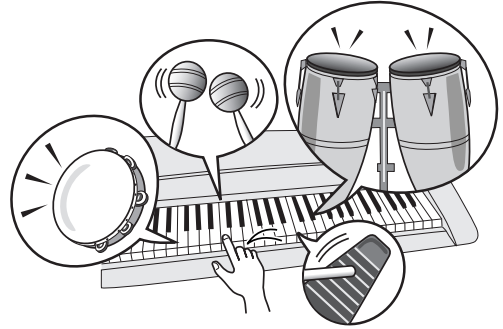
The Voice “001 Grand Piano” will automatically be selected as the Main Voice.



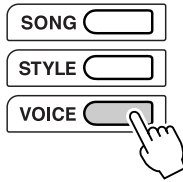
# Drum kits

Drum kits are collections of drum and percussion instruments.

When drum kits (Voice numbers 130–142) are selected, you can play different percussion sounds directly from the keyboard.

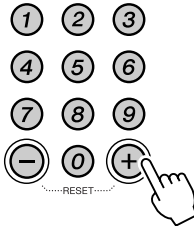


## 1 Press the [VOICE] button.

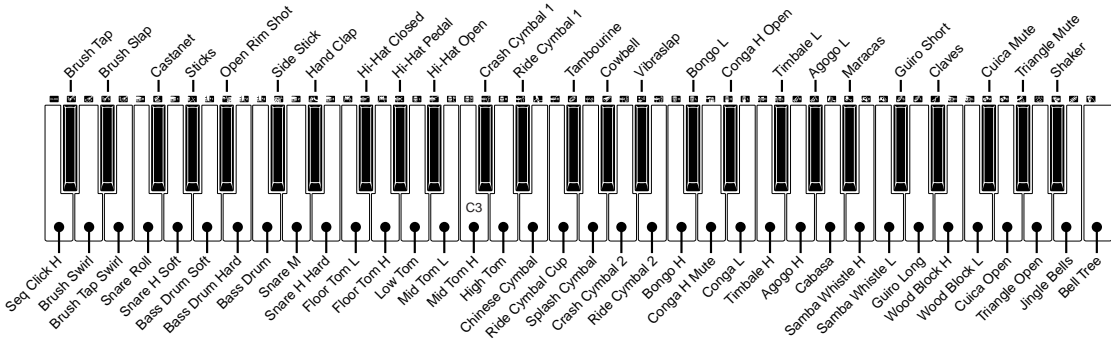


## 2 Select the desired Drum kit.

Select one of the Voice numbers from 130–142 by using the number buttons [0]–[9], [+], [-].

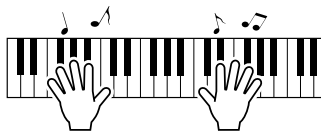


Example: 130 Standard Kit



\* When Voice number 130 is selected, the icons printed above the keyboard indicate the instruments assigned to each key.

### 3 Try out each key.



You'll hear bongo drums, congas, maracas, and more—a comprehensive variety of drum and percussion sounds. Details on the instruments and key assignments of each drum kit can be found in the Drum Kit List on page 63.

#### ● Drum Kit List

|     |                  |
|-----|------------------|
| 130 | Standard Kit 1   |
| 131 | Standard Kit 2   |
| 132 | Room Kit         |
| 133 | Rock Kit         |
| 134 | Electronic Kit   |
| 135 | Analog Kit       |
| 136 | Dance Kit        |
| 137 | Jazz Kit         |
| 138 | Brush Kit        |
| 139 | Symphony Kit     |
| 140 | SFX Kit 1        |
| 141 | SFX Kit 2        |
| 142 | Sound Effect Kit |

# Play with the metronome



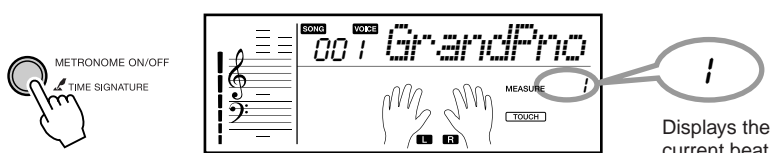
## Start the metronome

The instrument includes a metronome with adjustable tempo and time signature. Play and set the tempo that is most comfortable for you.

### Starting the metronome

Turn the metronome on and start it by pressing the [METRONOME ON/OFF] button.

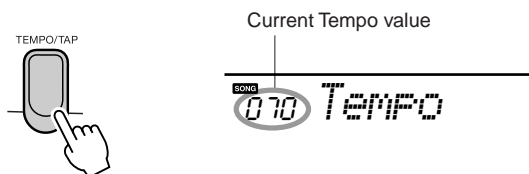
To stop the metronome, press the [METRONOME ON/OFF] button again.



### Setting the metronome tempo

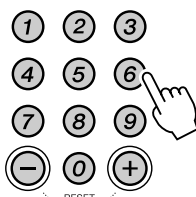
Adjust the metronome tempo

**1** Press the [TEMPO/TAP] button to display the tempo.



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

The tempo can be adjusted between 11–280.



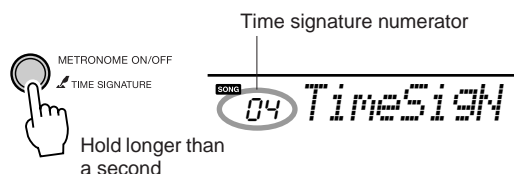


## Setting the numerator of the metronome time signature

Set the number of beats per measure.

- 1 Press and hold the [METRONOME ON/OFF] button for longer than a second.

Current numerator appears.



- 2 Set the time signature numerator (0–60) by using the number buttons [0]–[9], [+], [-].

The first beat is accented with a bell sound and the rest with clicks. When set to 00, the metronome sounds all beats with a click sound (no accent).

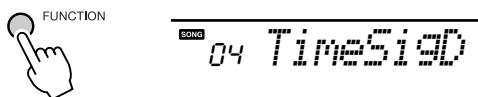


- The time signature numerator cannot be changed when a Style or Song is playing since it is automatically preset for the most suitable time signature of the current Style or Song. Make sure to stop the Style or Song before setting the numerator.

## Setting the denominator of the metronome time signature

Sets the basic note value for each measure.

- 1 Press the [FUNCTION] button a number of times until “TimeSigD” appears.

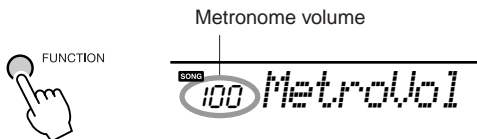


- 2 Set the time signature denominator by using the number buttons [+], [-].

The available denominators are 02 (1/2 note; ♩), 04 (1/4 note; ♪), 08 (1/8 note; ♫) and 16 (1/16 note; ♫).

## Setting the metronome volume

- 1** Press the [FUNCTION] button a number of times until “MetroVol” appears.



- 2** Set the metronome volume (000–127) by using the number buttons [0]–[9], [+], [-].



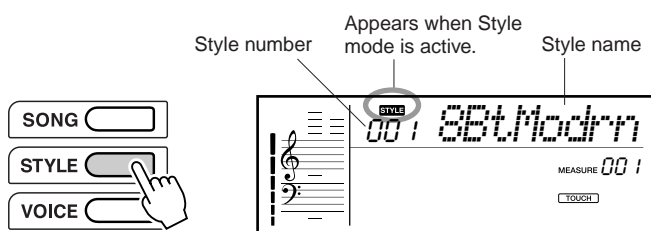
# Play with a Style

## Selecting a rhythm of a Style

The Style feature provides backing and rhythm parts in a wide variety of musical categories, including rock, blues, disco and much more. Here's how to play a rhythm of a Style. The rhythm sound consists of percussion instruments.

### 1 Press the [STYLE] button.

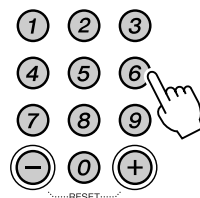
The Style number and name are displayed.



### 2 Select a Style.

Select the desired Style by using the number buttons [0]–[9], [+], [-].

Refer to the Style List on page 66.



### 3 Press the [START/STOP] button.

The Style will begin playing.

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



#### NOTE

- Since the Pianist category Styles (093–100) 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 pages 24–25. (The bass and chord accompaniment parts will sound.)

## Playing with a Style

On the previous page, you've learned how to select your favorite rhythm of a Style. Here, you'll learn how to expand on that rhythm with bass and chord backing, and use all of it as your accompaniment as you play.

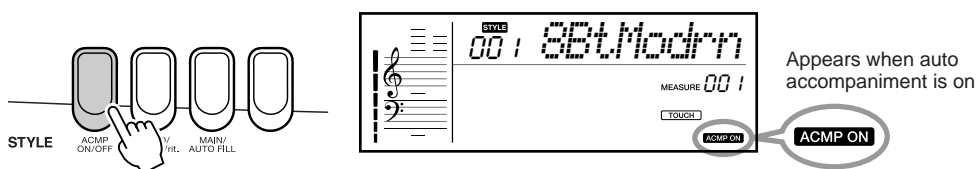
### 1 Press the [STYLE] button and then select a Style.

Refer to the "Selecting a rhythm of a Style" on page 23.

### 2 Turn auto accompaniment on.

Press the [ACMP ON/OFF] button.

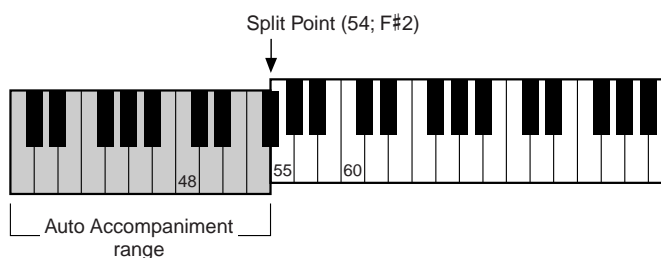
Press the [ACMP ON/OFF] button again to turn the auto accompaniment off.



#### ● 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."



#### NOTE

- You can change the Split Point. Refer to "Setting the Split Point" on page 36.

### 3 Turn SYNC START on.

Press the [SYNC START] button.



When the Sync Start standby mode is engaged, Style playback will begin as soon as you play a chord in the accompaniment range of the keyboard. You can turn off Sync Start standby mode by pressing the [SYNC START] button.

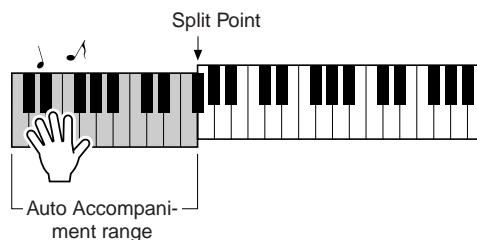
## 4 The Style will begin playing as soon as you play a chord in the accompaniment range of the keyboard.

Not sure how to play chords? No problem! This instrument is capable of playing chords even if you only play one key.

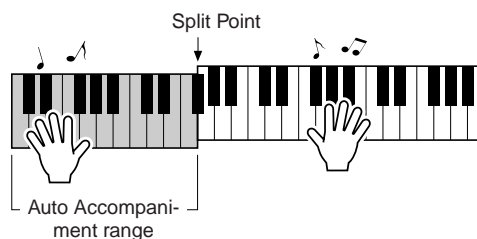
Try playing one, two or three keys (any notes will do) in the auto accompaniment range of the keyboard. Different keys will produce different results.

Refer to page 48 for detailed instructions for playing chords.

A special Chord Dictionary function is also available, which shows you how to play specific chords.



## 5 Try playing other chords with your left hand and play a melody with your right hand.



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



# Basic Operation and Displays

## Basic Operation

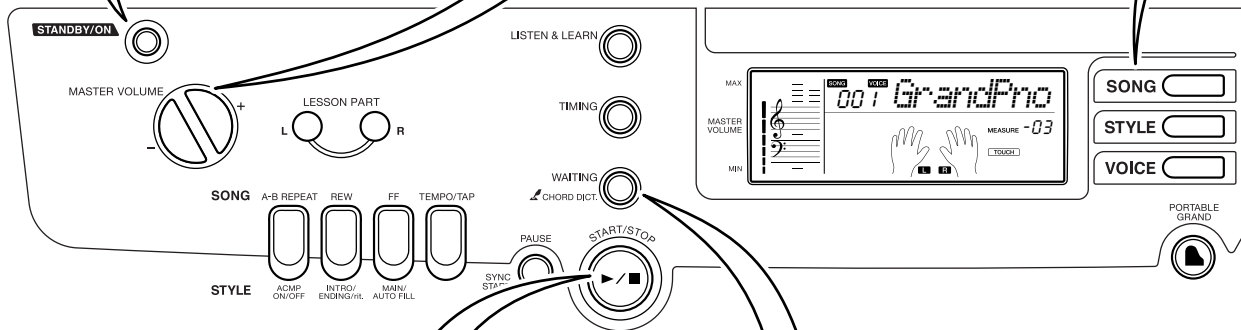
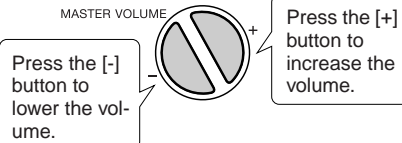
### Turning the power on

Press the [STANDBY/ON] switch to turn on the power.  
Press the [STANDBY/ON] switch again to turn the power OFF.



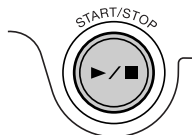
### Adjusting the volume

Pressing the MASTER VOLUME [+] and [-] buttons.



### About the [START/STOP] button

Press the [START/STOP] button after pressing the [SONG] or [STYLE] button to start playback of the selected Song or Style (rhythm).



### The "Press & Hold" Symbol



The "Press & Hold" symbol that appears next to some buttons indicates that the button can be pressed and held for longer than a second to call up a related or different function.





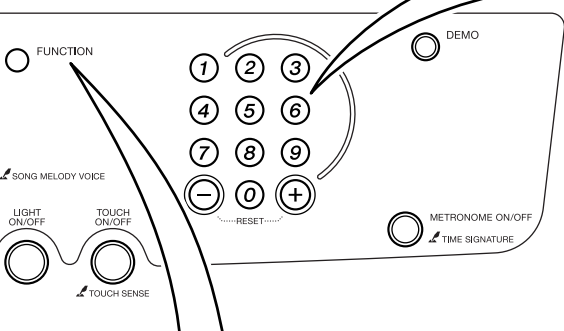
### Press a button to select a basic function

- SONG** [.....] Press the [SONG] button to select a Song.
- STYLE** [.....] Press the [STYLE] button to select a Style.
- VOICE** [.....] Press the [VOICE] button to select a Voice.

When you select a basic function, the name and number of the currently selected Song, Style and Voice is shown. Also, the icon(s) of the currently selected Song, Style or Voice appears at the top on the display.

**SONG** **STYLE** **VOICE**  
(Song) (Style) (Voice)

From this display, you can select the desired Song, Style or Voice by using the number buttons [0]–[9], [+], [-].



### Function Settings (page 52)

The [FUNCTION] button contains 19 settings. Each time you press the [FUNCTION] button, the setting item is selected in sequence, and the value of the selected item can be changed by using the number buttons [0]–[9], [+], [-].

You can select the setting items in reverse order by simultaneously holding down the [FUNCTION] button and pressing the [-] button repeatedly.

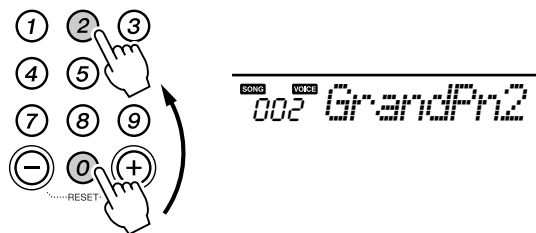


### Set the number or value

#### ● 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.

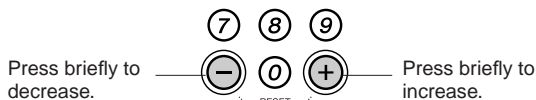
**Example: Selecting Voice 002, Grand Piano2.**



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.



## Display

The Main display shows all of the current basic settings for Song, Style and Voice.

### Notation

Displays the melody and chord notes of a Song when the Song is playing, 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.



- 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.

### Measure

Indicates the current measure during playback of a Song or Style.

MEASURE 003

### Beat Display

Indicates the beat of the current Style or Song with flashing arrows.



### Touch Display

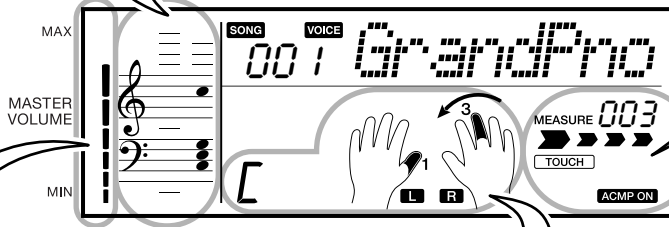
Appears when the touch response feature is on.

TOUCH

### ACMP ON

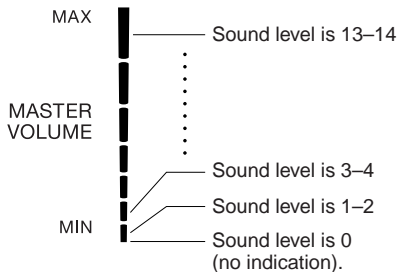
Appears when the auto accompaniment is on.

ACMP ON



### MASTER VOLUME indication

The value of MASTER is indicated by the number of bars in the display. The more bars shown, the higher the volume level. The range is from 0–14. One bar represents 2 steps in the value.



### Chord Display

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



### Fingering Guide

While the Song is playing, appropriate fingerings are shown, indicating which fingers to use to play the song properly. (page 29)



### Song Left and Right Display

While the Song is playing, you can mute the Left or Right parts of the Song by pressing the [L] and [R] buttons. The [L] and [R] icons indicate the current status.

- R** Right is on
- R** Right is muted
- L R** Left and Right are on

# Song Lesson

## Yamaha Education Suite 5

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

### ■ The practice methods:

**Lesson 1 (Listen & Learn)** ..... Listen and learn the melody or rhythm of a selected Song.

**Lesson 2 (Timing)** ..... Learn to play the notes at the correct timing along with the Song.

**Lesson 3 (Waiting)** ..... Learn to play the correct notes.

## Practice by using the Light Guide function

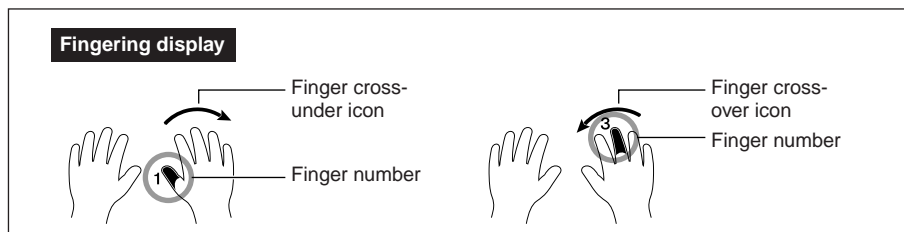
When Light Guide is on, each key (of the notes in the Song) lights in succession showing you which keys to play and when.



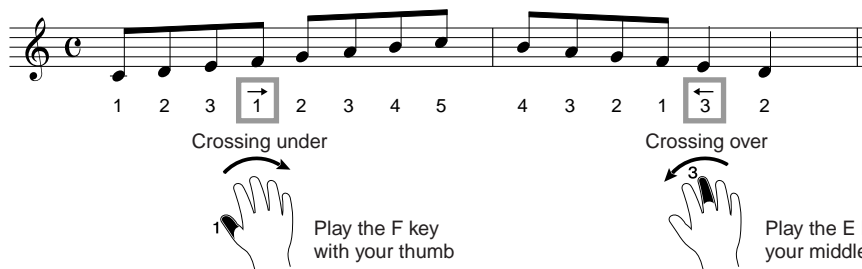
- The Light Guide function is on when power is turned on.

## Practice by using the Fingering guide

When the Song is started, the fingering guide appears on the display and shows you which fingers you should use while playing.



### ● Examples of crossing under and over



## Lesson 1 (Listen & Learn)

There's no need to play the keyboard in Lesson 1.

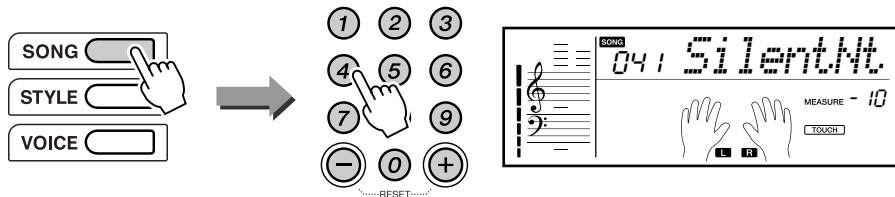
The model melody/chords (in other words, the musical material you should learn) of the part you selected will sound and the appropriate keys will automatically light. Listen to it carefully and learn it well.



- You cannot select the part during Song playback before Lesson 1 starts. If a Song is currently being played back, stop the Song first, then continue from Step 2.

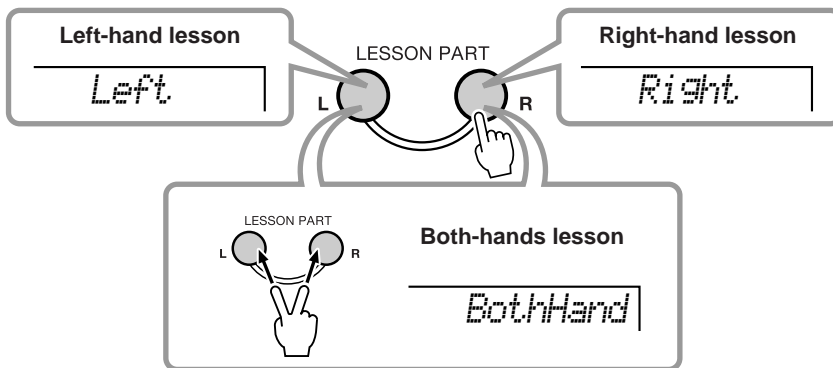
### 1 Select the desired Song for your lesson.

Press the [SONG] button, and then select a Song (referring to the Song list on page 15) by using the number buttons [0]–[9], [+], and [-].



### 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 hand/s are displayed.

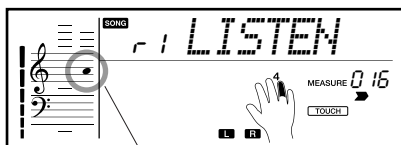


A “No LPart” message is shown in the display if you select the left part in Song 001–005, 007–009, 013, 014, 085–090, which does not have left part data. These Songs cannot be used for left-hand or both-hands lessons.

No LPart

### 3 Start Lesson 1.

Press the [LISTEN & LEARN] button to start Lesson 1. The melody of the part you selected in Step 2 will sound. Listen to it carefully and learn it well.



The notation is shown in the display, and the keys light to indicate which notes you should play.

**NOTE**

- Even after Lesson 1 has started and the Song is playing, you can still select the part.
- 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.
- You can select Lessons 1–3 by pressing the [LISTEN & LEARN], [TIMING] and [WAITING] buttons, respectively.

### 4 Stop the Lesson.

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

## Lesson 2 (Timing)

In this lesson, try playing the notes with the correct timing. Simply concentrate on playing each note in time with the rhythmic accompaniment.

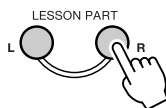
The correct notes sound even if you play wrong notes as long as you play in time with the rhythm.

**NOTE**

- The Split Point is fixed and it cannot be changed. For the left-hand lesson, it is fixed at 59 or B2.

### 1 Select the desired Song for your lesson.

### 2 Select the part you want to practice.

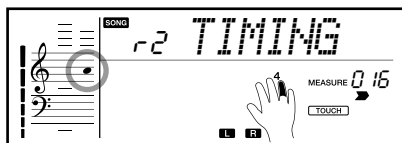


**NOTE**

- You cannot select the part during Song playback before Lesson 2 starts. If a Song is currently being played back, stop the Song first, then continue from Step 2.

### 3 Start Lesson 2.

Press the [TIMING] button to start Lesson 2.



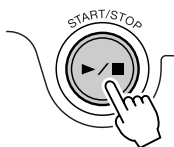
**NOTE**

- Even after Lesson 2 has started and the Song is playing, you can still select the part.

The keyboard lights when Light is on. In Lesson 2, concentrate on playing each note in correct time with the rhythm.

### 4 Stop the Lesson.

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



## Grade

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

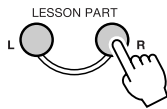
OK  
 Good  
 Very Good  
 Excellent

## Lesson 3 (Waiting)

In this mode, try playing the correct notes. The notes you should play will appear in the score and the notes on the keyboard will light. The Song pauses until you play the right note.

**1** Select the desired Song for your lesson.

**2** Select the part you want to practice.



- You cannot select the part during Song playback before Lesson 3 starts. If a Song is currently being played back, stop the Song first, then continue from Step 2.

**3** Start Lesson 3.

Press the [WAITING] button to start Lesson 3.

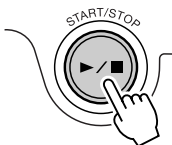


- Even after Lesson 3 has started and the Song is playing, you can still select the part.

Play the correct notes according to the lighted keys. The Song pauses until you play the right note.

**4** Stop the Lesson.

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



- When the lesson Song has played all the way through in Lesson 2 or 3, your performance will be evaluated in four levels (same as lesson 2)

# Song settings

## Changing the Melody Voice

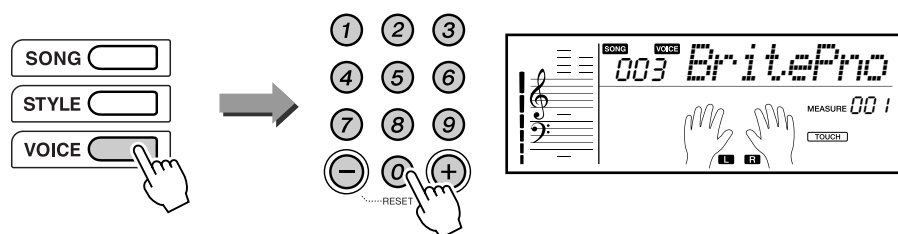
You can change a Song's melody Voice to any other Voice you prefer.

### 1 Select the Song and play it.

Refer to the section "Playing the Songs" on page 12.

### 2 Select the voice.

Press the [VOICE] button, and then select a desired Voice by using the number buttons [0]–[9], [+], [-].

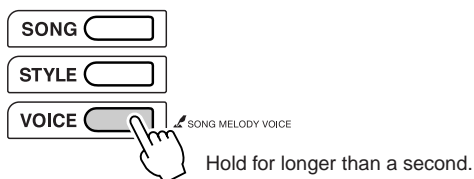


The selected Voice sounds when you play the keyboard.

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

### 3 Press and hold the [VOICE] button for longer than a second.

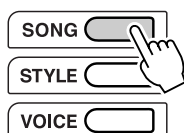
"SONG MELODY VOICE" appears in the display for a few seconds, indicating that the Voice selected in Step 2 has replaced the Song's original melody Voice.



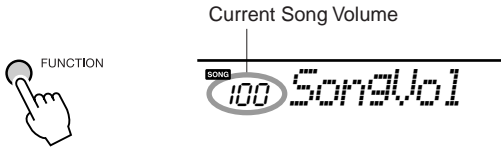
## Song Volume

This procedure allows you to adjust the balance between Song playback and the notes you play on the keyboard by setting the volume of the playback sound.

### 1 Press the [SONG] button.

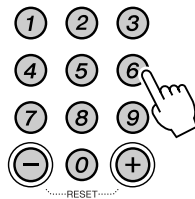


**2** Press the [FUNCTION] button a number of times until “SongVol” appears.



**3** Set the Song Volume by pressing the number buttons [0]–[9], [+], [-].

The range is from 0–127.



**NOTE**

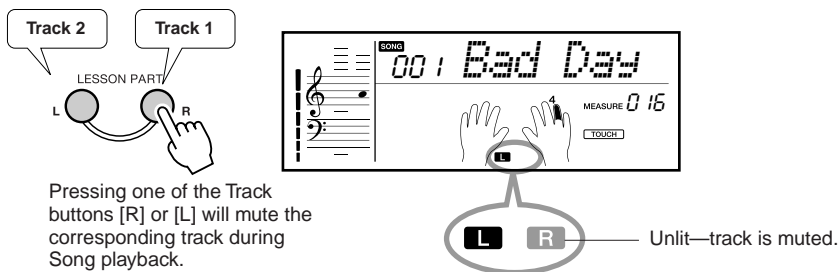
- Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (100).

## Mute

The Song is made up of several tracks.  
You can mute Track 1 or Track 2 during Song playback.

- Track 1 can be muted by pressing the [R] button during Song playback.
- Track 2 can be muted by pressing the [L] button during Song playback.

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

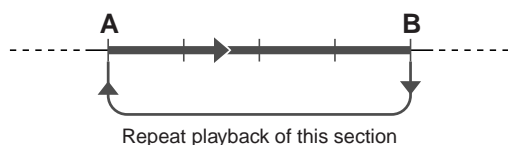


Pressing one of the Track buttons [R] or [L] will mute the corresponding track during Song playback.

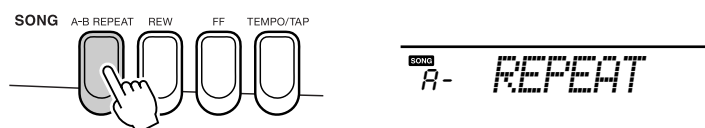


## Practice Makes Perfect

You can repeatedly practice a section you find difficult. This function lets you specify a section of a Song you want to practice—“A” is the start point and “B” is the end point—for repeat playback.



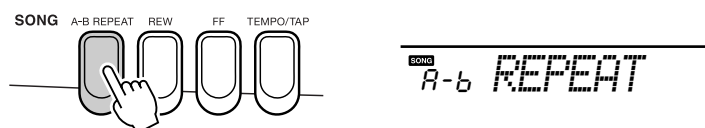
- 1 Play the Song and press the [A-B REPEAT] button at the beginning of the section you want to repeat (the “A” point). “A-REPEAT” will be displayed.



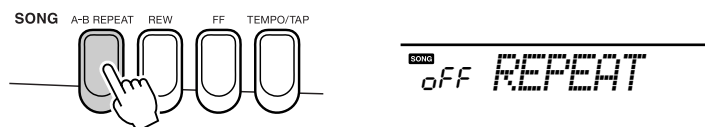
### NOTE

- 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.

- 2 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, letting you practice the section over and over.



You can stop repeat playback by pressing the [A-B REPEAT] button. The A-B REPEAT mode will be canceled and normal playback of the Song will continue.



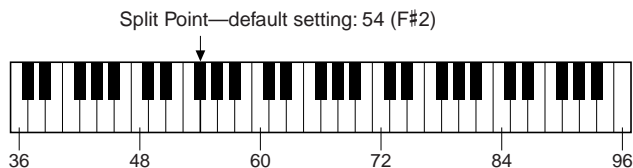
### NOTE

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

# Handy Performance Features

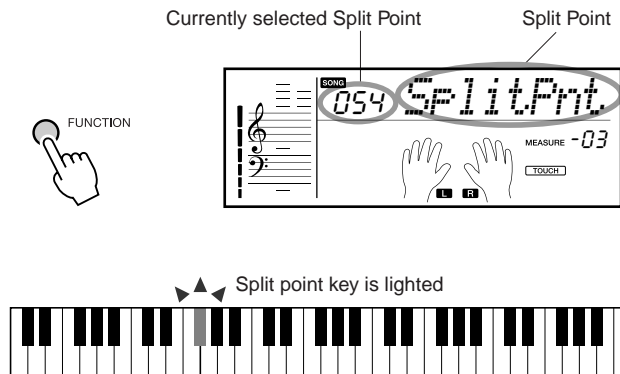
## Setting the Split Point

The Split Point setting can be changed as desired.

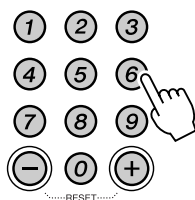


The initial default Split Point is key number 54 (the F#2 key), but you can change it to another key. When you change the Split Point, the auto accompaniment range also changes.

- 1 Press the [FUNCTION] button a number of times until “SplitPnt” appears.



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

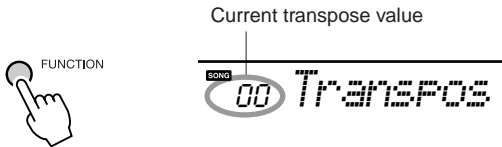


- Press the [+ ] and [- ] buttons simultaneously to instantly reset the value to its default setting (54 or F#2).

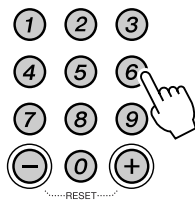
## Transpose

The overall pitch of the instrument can be shifted up or down by a maximum of 1 octave in semitone increments.

- 1 Press the [FUNCTION] button a number of times until the “Transpose” appears.



- 2 Use the number buttons [0]–[9], [+], [-] to set the Transpose value between -12 and +12 as required.



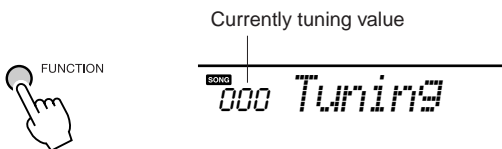
### NOTE

- The pitch of the Drum Kits Voices (Voice numbers 130–142) cannot be changed.
- Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (00).

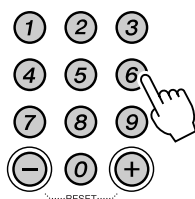
## Tuning

You can fine tune the pitch of the entire instrument. The overall tuning of the instrument can be shifted up or down by a maximum of 100 cents in 1-cent increments (100 cents = 1 semitone).

- 1 Press the [FUNCTION] button a number of times until “Tuning” appears.



- 2 Use the number buttons [0]–[9], [+] and [-] to set the Tuning value between -100 and +100 as required.



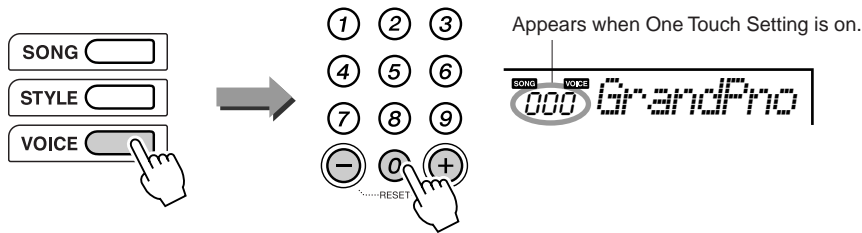
### NOTE

- The pitch of the Drum Kits Voices (Voice numbers 130–142) cannot be changed.
- Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (000).

## One Touch Setting

Sometimes selecting the ideal Voice to play with a Song or Style can be confusing. 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.

- 1 Press the [VOICE] button, and then select Voice number “000” by using the number buttons [0]–[9], [+], [-].

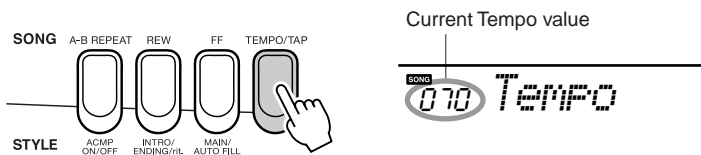


This turns the One Touch Setting feature on. One Touch Setting will be turned off if you select any other Voice number.

## Changing the tempo of the Song/Style

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

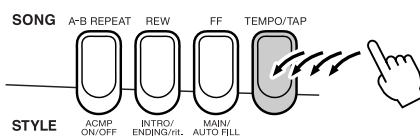
- 1 Press the [TEMPO/TAP] button to call up the Tempo setting in the display after selecting a Style/Song.



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

You can also set the Tempo by simply tapping the [TEMPO/TAP] button at the required tempo—four times for time signatures in 4, and three times for time signatures in 3.

You can change the Tempo during Style/Song playback by pressing the [TEMPO/TAP] button just twice.



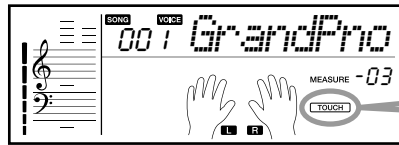
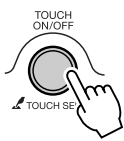
**NOTE**

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

## Touch Response

### Touch Response On/Off

Keyboard touch response can be turned on by pressing the [TOUCH ON/OFF] button. When touch response is on you can control the volume of notes according to how hard you play the keys.



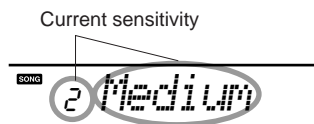
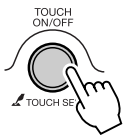
Indicates that touch response is on

Press the [TOUCH] button a second time to turn touch response off. When touch response is off the same volume will be produced no matter how hard you play the keys.

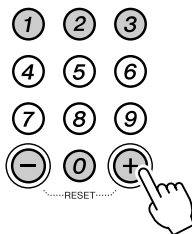
### Adjusting the Touch Response Sensitivity

The sensitivity of the keyboard's touch response can be adjusted in three steps (1–3). The higher the number, the greater the volume variation produced by the same variation in how hard you play the keys—i.e. the keyboard becomes more “sensitive.”

Press and hold the [TOUCH] button for longer than a second until the touch response sensitivity setting display appears.



Use the number buttons [1]–[3] or the [+] and [-] buttons to set the touch response sensitivity as required.



---

## **Adjusting the Main Voice Parameters**

---

The volume and octave (the pitch of the instrument can be shifted by up or down in octaves) for the main voice can be adjusted.

● **Main Voice Parameters (page 53)**

- Main Voice Volume
- Main Voice Octave

You can adjust each of the parameters above in the Function settings (page 52).

# Play With a Variety of Effects

## Adding Reverb

Reverb adds the ambience of a room or concert hall to the sound that you play on the keyboard.

### Reverb On/Off

Press the [FUNCTION] button a number of times until “on Reverb” or “oFF Reverb” appears.

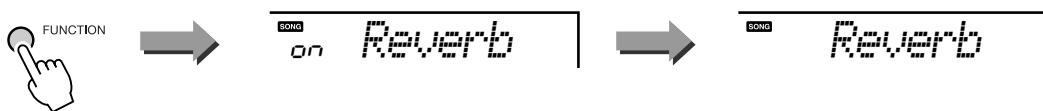
Default setting is on. Set this to on or off by using the [+] and [-] buttons.



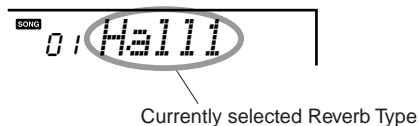
### Selecting a Reverb type

The ideal type is automatically selected whenever you select a Song or Style, but you can select any of the available Reverb Types.

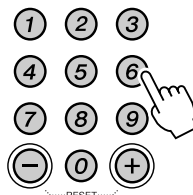
- 1 Press the [FUNCTION] button a number of times until “Reverb” appears. “Reverb” is located next to the “on Reverb” or “oFF Reverb” indications.



The currently selected Reverb type appears on the display after the “Reverb” indication.

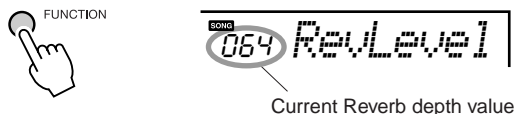


- 2 Select the desired Reverb Type by using the number buttons [0]–[9], [+], [-]. Refer to the Reverb Type list on page 67 for details.

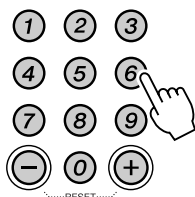


## Adjusting the Reverb depth

- 1 Press the [FUNCTION] button a number of times until “RevLevel” appears.



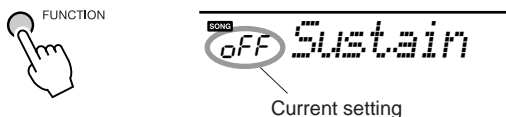
- 2 Set the desired Reverb depth by using the number buttons [0]–[9], [+], [-].  
The range is from 0–127.



## Adding Panel Sustain

This function adds a fixed sustain to the keyboard Voices.

- 1 Press the [FUNCTION] button a number of times until the “Sustain” item appears.



- 2 Press the [+] button to turn the Panel Sustain on.  
Panel Sustain will be added to the notes you play on the keyboard when the Panel Sustain is on. To turn it off, press the [-] button.



### NOTE

- See the section “Connecting a footswitch (SUSTAIN Jack)” on page 9 for information on applying sustain with the optional footswitch.
- For certain Voices, the sustain effect may not be obvious or audible, even when the panel sustain function is turned on.

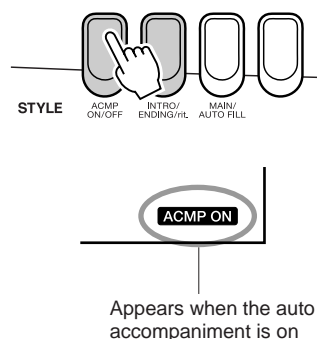


# Style (Auto Accompaniment) Functions

## Various ways to start and stop Style playback

### Starting Style playback

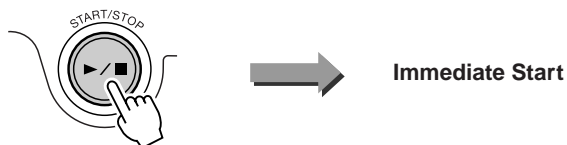
The following three methods can be used to start Style playback. In all cases you will need to press the [ACMP ON/OFF] button to turn auto accompaniment on before actually starting Style playback. Whichever method you choose, you can press the [INTRO/ENDING/rit.] before starting playback. To begin your performance, an introduction will play automatically, then will automatically switch to the MAIN section when finished.



### ■ Immediate Start

Press the [START/STOP] button to begin rhythm-only playback of the selected Style.

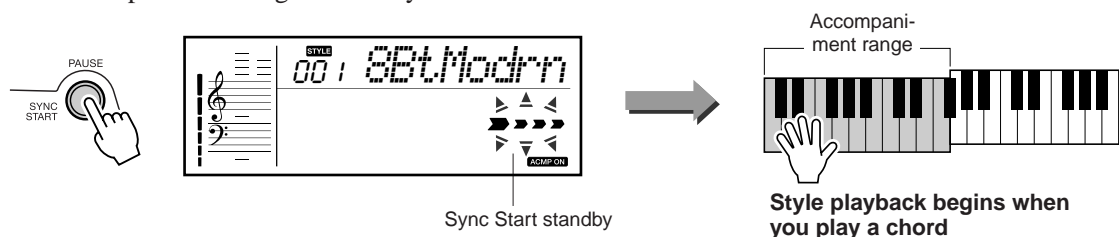
The bass and chords will begin playing as soon as you play a chord in the accompaniment range of the keyboard.



### ■ Chord Start

Press the [SYNC START] button and the beat arrows will begin flashing, indicating that the Sync Start “standby” mode has been engaged.

The bass and chords will begin playing as soon as you play a chord in the accompaniment range of the keyboard.



### ■ 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—4 times for time signatures in 4, and 3 times for time signatures in 3—and the selected Style rhythm will begin playing at the tapped tempo.

The bass and chords will begin playing as soon as you play a chord in the accompaniment range of the keyboard.

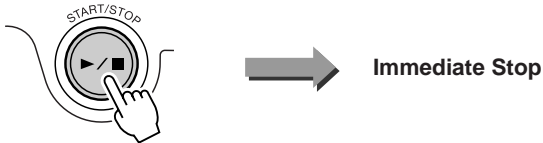


## Stopping Style playback

The following three methods can be used to stop Style playback.

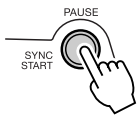
### ■ Immediate Stop

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

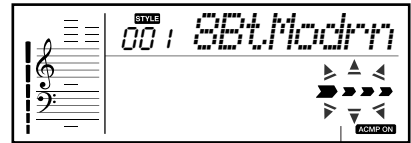


### ■ Stop and Enter Sync Start Mode

If you press the [SYNC START] button during Style playback, playback will stop immediately and the Sync Start standby mode will be engaged (beat arrows will flash).



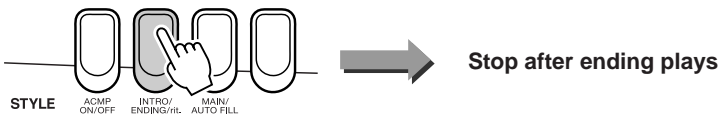
Stop immediately and enter the Sync Start mode



Sync Start standby

### ■ Play the Ending and Stop

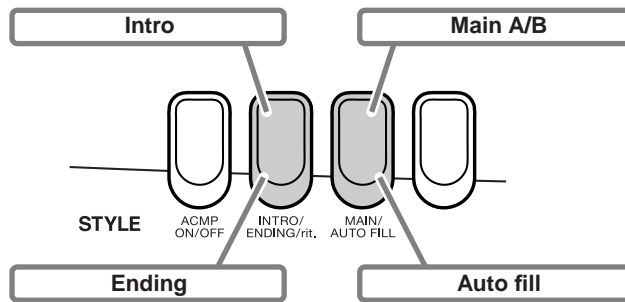
Press the [INTRO/ENDING/rit.] button to begin playing an ending section. Playback will stop when the ending has played all the way through.



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

## 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.



### ● INTRO section

This is used for the beginning of the Song  
When the intro finishes playing, accompaniment shifts to the main section.  
The length of the intro (in measures) differs depending on the selected Style.

### ● MAIN section

This is used for playing the main part of the Song. It plays a main accompaniment pattern, and repeats indefinitely until another section’s button is pressed. There are two variations on the basic pattern (A and B), and the Style playback sound changes harmonically based on the chords you play with your left hand.

### ● Fill-in section

This is automatically added before changing the section A and B.

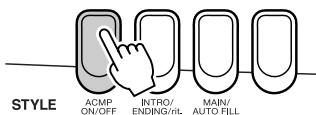
### ● ENDING section

This is used for the ending of the Song. When the ending is finished, the auto accompaniment stops automatically. The length of the ending (in measures) differs depending on the selected Style.

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

**2** Turn auto accompaniment on.

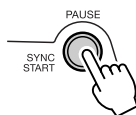
Press the [ACMP ON/OFF] button.



Appears when the auto accompaniment is on.

**3** Turn SYNC START on.

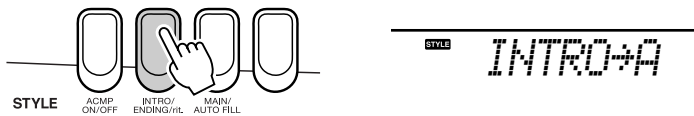
Press the [SYNC START] button.



**4** Press the [MAIN/AUTO FILL] button.

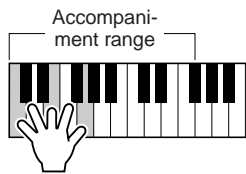


**5** Press the [INTRO/ENDING/rit.] button.

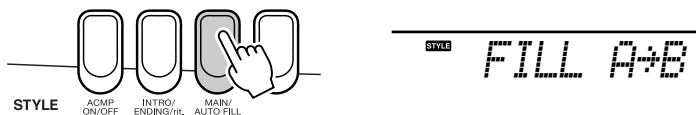


**6** As soon as you play a chord with your left hand, the Intro of the selected Style starts.

For this example, play a C major chord (as shown below). For information on how to enter chords, see “Playing Auto Accompaniment Chords” on page 48.

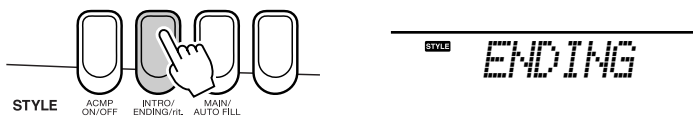


**7** Press the [MAIN/AUTO FILL] button.



When the fill-in is finished, it leads smoothly into the selected main section A/B.

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

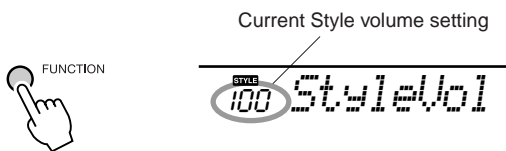


This switches to the ending section. When the ending is finished, the auto accompaniment stops automatically. You can have the ending gradually slow down (ritardando) by pressing the [INTRO/ENDING/rit.] button again while the ending is playing back.

## Adjusting the Style Volume

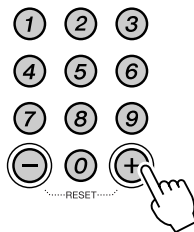
This procedure allows you to adjust the balance between Style playback and the notes you play on the keyboard by setting the volume of the playback sound.

- 1** Press the [STYLE] button.
- 2** Press the [FUNCTION] button a number of times until the “StyleVol” appears.



- 3** Set the Style volume by using the number buttons [0]–[9], [+], [-].

The range is from 0–127.



### NOTE

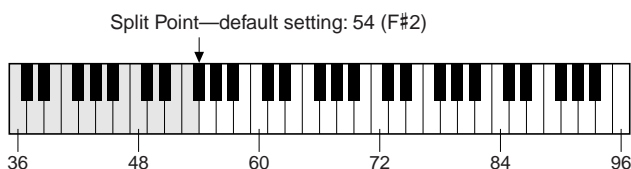
- Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (100).

# Playing Auto Accompaniment Chords

You've learned in the section "Play with a Style (Accompaniment)" on page 23 that the "feel" of the Style changes every time you play a chord on the left-hand side of the keyboard. Here, you'll learn the types of the chords and how to play them in greater detail. The examples of chords are given here in the key of C.

There are two basic ways (below) you can play the chords on the left-hand side of the keyboard, while playing the Style (page 24)

- Easy Chords
- Standard Chords

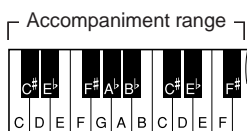


## Easy Chords

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



- Root notes and the corresponding keys



|   |   |
|---|---|
| <p><b>C</b></p> <p>• To play a major chord<br/>Press the root note of the chord.</p>  | <p><b>C<sub>7</sub></b></p> <p>• To play a seventh chord<br/>Press the root note together with the nearest white key to the left of it.</p>   |
| <p><b>C<sub>m</sub></b></p> <p>• To play a minor chord<br/>Press the root note together with the nearest black key to the left of it.</p> | <p><b>C<sub>m7</sub></b></p> <p>• To play a minor seventh chord<br/>Press the root note together with the nearest white and black keys to the left of it (three keys altogether).</p> |

## Standard Chords

This method lets you produce accompaniment by playing chords using normal fingerings in the accompaniment range of the keyboard.

|                         |                           |                          |                          |                         |                          |                            |                          |                           |
|-------------------------|---------------------------|--------------------------|--------------------------|-------------------------|--------------------------|----------------------------|--------------------------|---------------------------|
| <b>C</b>                | <b>C(9)</b>               | <b>C<sub>6</sub></b>     | <b>C<sub>6</sub>(9)</b>  | <b>CM<sub>7</sub></b>   | <b>CM<sub>7</sub>(9)</b> | <b>CM<sub>7</sub>(#11)</b> | <b>C(♭5)</b>             | <b>CM<sub>7</sub>♭5</b>   |
| <b>C<sub>sus4</sub></b> | <b>Caug</b>               | <b>CM<sub>7</sub>aug</b> | <b>C<sub>m</sub></b>     | <b>C<sub>m</sub>(9)</b> | <b>C<sub>m6</sub></b>    | <b>C<sub>m7</sub></b>      | <b>C<sub>m7</sub>(9)</b> | <b>C<sub>m7</sub>(11)</b> |
| <b>C<sub>mM7</sub></b>  | <b>C<sub>mM7</sub>(9)</b> | <b>C<sub>m7</sub>♭5</b>  | <b>C<sub>mM7</sub>♭5</b> | <b>Cdim</b>             | <b>Cdim<sub>7</sub></b>  | <b>C<sub>7</sub></b>       | <b>C<sub>7</sub>(♭9)</b> | <b>C<sub>7</sub>(♭13)</b> |
| <b>C<sub>7</sub>(9)</b> | <b>C<sub>7</sub>(#11)</b> | <b>C<sub>7</sub>(13)</b> | <b>C<sub>7</sub>(#9)</b> | <b>C<sub>7</sub>♭5</b>  | <b>C<sub>7</sub>aug</b>  | <b>C<sub>7</sub>sus4</b>   | <b>C<sub>1+2+5</sub></b> |                           |

\* Notes enclosed in parentheses are optional; the chords will be recognized without them.

### ● Recognized Standard Chords Chart

| Chord Name/[Abbreviation]                  | Normal Voicing  | Chord (C) | Display   |
|--|---|-----------|-----------|
| Major [M]                                  | 1 - 3 - 5   | C         | C         |
| Add ninth [(9)]                            | 1 - 2 - 3 - 5   | C(9)      | C(9)      |
| Sixth [6]                                  | 1 - (3) - 5 - 6   | C6        | C6        |
| Sixth ninth [6(9)]                         | 1 - 2 - 3 - (5) - 6                                       | C6(9)     | C6(9) *   |
| Major seventh [M7]                         | 1 - 3 - (5) - 7 or<br>1 - (3) - 5 - 7                     | CM7       | CM7       |
| Major seventh ninth [M7(9)]                | 1 - 2 - 3 - (5) - 7                                       | CM7(9)    | CM7(9) *  |
| Major seventh add sharp eleventh [M7(#11)] | 1 - (2) - 3 - #4 - 5 - 7 or<br>1 - 2 - 3 - #4 - (5) - 7   | CM7(#11)  | CM7(#11)* |
| Flatted fifth [(b5)]                       | 1 - 3 - b5  | C(b5)     | Cb5 *     |
| Major seventh flatted fifth [M7b5]         | 1 - 3 - b5 - 7  | CM7b5     | CM7b5 *   |
| Suspended fourth [sus4]                    | 1 - 4 - 5   | Csus4     | Csus4     |
| Augmented [aug]                            | 1 - 3 - #5  | Caug      | Caug      |
| Major seventh augmented [M7aug]            | 1 - (3) - #5 - 7  | CM7aug    | CM7aug *  |
| Minor [m]                                  | 1 - b3 - 5  | Cm        | Cm        |
| Minor add ninth [m(9)]                     | 1 - 2 - b3 - 5  | Cm(9)     | Cm(9)     |
| Minor sixth [m6]                           | 1 - b3 - 5 - 6  | Cm6       | Cm6       |
| Minor seventh [m7]                         | 1 - b3 - (5) - b7   | Cm7       | Cm7       |
| Minor seventh ninth [m7(9)]                | 1 - 2 - b3 - (5) - b7                                     | Cm7(9)    | Cm7(9)    |
| Minor seventh add eleventh [m7(11)]        | 1 - (2) - b3 - 4 - 5 - (b7)                               | Cm7(11)   | Cm7(11) * |
| Minor major seventh [mM7]                  | 1 - b3 - (5) - 7  | CmM7      | CmM7      |
| Minor major seventh ninth [mM7(9)]         | 1 - 2 - b3 - (5) - 7                                      | CmM7(9)   | CmM7(9) * |
| Minor seventh flatted fifth [m7b5]         | 1 - b3 - b5 - b7  | Cm7b5     | Cm7b5     |
| Minor major seventh flatted fifth [mM7b5]  | 1 - b3 - b5 - 7   | CmM7b5    | CmM7b5 *  |
| Diminished [dim]                           | 1 - b3 - b5   | Cdim      | Cdim      |
| Diminished seventh [dim7]                  | 1 - b3 - b5 - 6   | Cdim7     | Cdim7     |
| Seventh [7]                                | 1 - 3 - (5) - b7 or<br>1 - (3) - 5 - b7                   | C7        | C7        |
| Seventh flatted ninth [7(b9)]              | 1 - b2 - 3 - (5) - b7                                     | C7(b9)    | C7(b9)    |
| Seventh add flatted thirteenth [7(b13)]    | 1 - 3 - 5 - b6 - b7                                       | C7(b13)   | C7(b13)   |
| Seventh ninth [7(9)]                       | 1 - 2 - 3 - (5) - b7                                      | C7(9)     | C7(9)     |
| Seventh add sharp eleventh [7(#11)]        | 1 - (2) - 3 - #4 - 5 - b7 or<br>1 - 2 - 3 - #4 - (5) - b7 | C7(#11)   | C7(#11)   |
| Seventh add thirteenth [7(13)]             | 1 - 3 - (5) - 6 - b7                                      | C7(13)    | C7(13)    |
| Seventh sharp ninth [7(#9)]                | 1 - #2 - 3 - (5) - b7                                     | C7(#9)    | C7(#9)    |
| Seventh flatted fifth [7b5]                | 1 - 3 - b5 - b7   | C7b5      | C7b5 *    |
| Seventh augmented [7aug]                   | 1 - 3 - #5 - b7   | C7aug     | C7aug     |
| Seventh suspended fourth [7sus4]           | 1 - 4 - (5) - b7  | C7sus4    | C7sus4    |
| One plus two plus five [1+2+5]             | 1 - 2 - 5   | C1+2+5    | C *       |



- Notes in parentheses can be omitted.
- Playing two same root keys in the adjacent octaves produces accompaniment based only on the root.
- A perfect fifth (1+5) produces accompaniment based only on the root and fifth which can be used with both major and minor chords.
- The chord fingerings listed are all in "root" position, but other inversions can be used—with the following exceptions: m7, m7b5, 6, m6, sus4, aug, dim7, 7b5, 6(9), 1+2+5
- Inversion of the 7sus4 and m7(11) chords are not recognized if the notes shown in parentheses are omitted.
- 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.

\* These chords are not shown in the Chord Dictionary function.

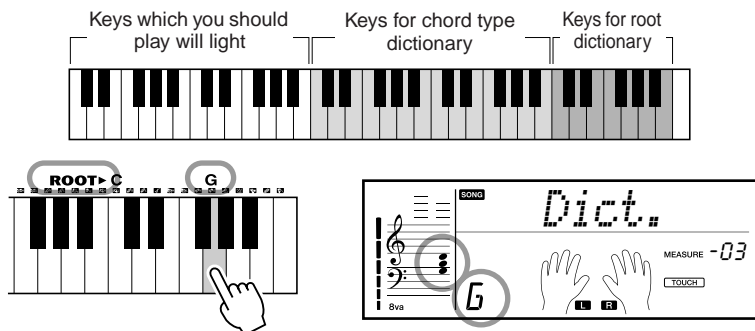
## Looking up Chords Using the Chord Dictionary

The Dictionary function is essentially a built-in “chord dictionary” that shows you the individual notes of chords. It is ideal when you know the name of a certain chord and want to quickly learn how to play it.

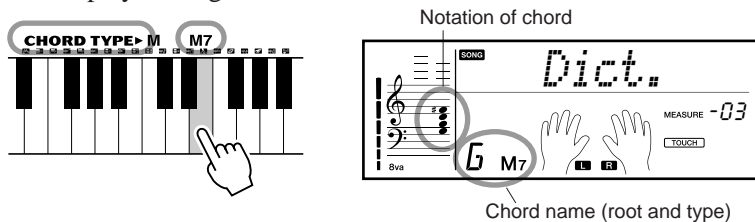
- 1 Press and hold the [WAITING] button for longer than a second. “Dict.” will appear in the display.



- 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.

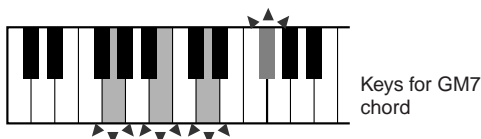


- 3 Press the “M7” (major seventh) key in the section of the keyboard labeled “CHORD TYPE.” (The note doesn’t sound.) The notes you should play for the specified chord (root note and chord type) are shown in the display as notation, and the keys which you should play will light.



**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.



- 4 Try playing a chord in the auto accompaniment section 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.

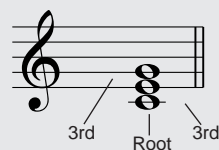
To call up possible inversions of the chord, press the [+]/[-] buttons.



## About chords

Playing two or more notes together simultaneously creates a “chord.”

Playing a note together with two other notes spaced three notes (steps) apart—such as the notes C, E and G—creates a harmonious sound. Chords like these are called “triads” and they play an important role in most music.



Taking the chord above as an example, the lowest note of this triad is called the “root note.” This is the central note sound, and it supports or anchors the rest of the notes chord.

You’ll notice that the middle note of the chord above (E) is the third step in the succession of scale notes—C, D, then E. There are two types of “thirds” in chords: major thirds and minor thirds.

|   |  |
|---|--|
| <p><b>Major third</b>—four half steps from the root</p> | <p><b>Minor third</b>—three half steps from the root</p> |
|---|--|

We’ll also alter the top note of our original chord and make three additional chords, as shown below. (The captions indicate the intervals between each of the notes.)

|   |   |   |  |
|---|---|---|--|
| <p>◆ <b>Major chord</b></p> <p><b>C<sub>M</sub></b></p> <p>Minor 3rd    Major 3rd</p> | <p>◆ <b>Minor chord</b></p> <p><b>C<sub>m</sub></b></p> <p>Major 3rd    Minor 3rd</p> | <p>◆ <b>Augmented chord</b></p> <p><b>C<sub>aug</sub></b></p> <p>Major 3rd    Major 3rd</p> | <p>◆ <b>Diminished chord</b></p> <p><b>C<sub>dim</sub></b></p> <p>Minor 3rd    Minor 3rd</p> |
|---|---|---|--|

The basic characteristics of the chord sound are same, no matter if we change the order of the notes from bottom to top, or if we add other same name notes in different octaves. Beautiful sounding harmonies can be built in this manner, and emotional music can be created by playing different chords one after the other according to commonly accepted rules. Harmony determines the nature of chords, and music is created based on harmony.

## Chord names

From the chord name, you can tell at a glance what type of chord it is and which notes make up the chord. Understanding the basic structure of chords is very useful—once you’re familiar with this, you’ll be quickly and easily play chords by looking at the names that appear above the notation.

# C<sub>m</sub>

Root note

Chord type

## Chord types (These chords are among those that can be recognized by the Fingered method.)

|   |  |   |  |
|---|--|---|--|
| <p><b>Suspended 4<sup>th</sup></b></p> <p><b>C<sub>sus4</sub></b></p> <p>Perfect 5<sup>th</sup>    Perfect 4<sup>th</sup></p> | <p><b>7<sup>th</sup></b></p> <p><b>C<sub>7</sub></b></p> <p>Flatted 7<sup>th</sup>    Major chord</p>                                      | <p><b>Minor 7<sup>th</sup></b></p> <p><b>C<sub>m7</sub></b></p> <p>Flatted 7<sup>th</sup>    Minor chord</p>  | <p><b>Major 7<sup>th</sup></b></p> <p><b>C<sub>M7</sub></b></p> <p>Major 7<sup>th</sup>    Major chord</p>   |
| <p><b>Minor/major 7<sup>th</sup></b></p> <p><b>C<sub>mM7</sub></b></p> <p>Major 7<sup>th</sup>    Minor chord</p>             | <p><b>7<sup>th</sup>, flatted 5<sup>th</sup></b></p> <p><b>C<sub>7(b5)</sub></b></p> <p>Flatted 5<sup>th</sup>    7<sup>th</sup> chord</p> | <p><b>Minor 7<sup>th</sup>, flatted 5<sup>th</sup></b></p> <p><b>C<sub>m7(b5)</sub></b></p> <p>Flatted 5<sup>th</sup>    Minor 7<sup>th</sup> chord</p> | <p><b>7<sup>th</sup>, suspended 4<sup>th</sup></b></p> <p><b>C<sub>7sus4</sub></b></p> <p>Flatted 7<sup>th</sup>    Suspended 4<sup>th</sup> chord</p> |

# 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.

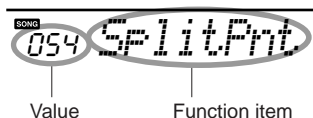
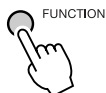
## Select the item and change the value

There are 19 different items that can be set.

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

Each time the [FUNCTION] button is pressed 19 function items are displayed in sequence. The description and display sample is provided on the Function Setting List on the next page.

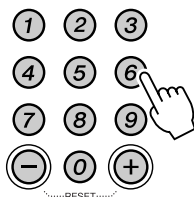
You can select the setting items in reverse order by simultaneously holding down the [FUNCTION] button and pressing the [-] button repeatedly.



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

For on/off settings, use [+] / [-] buttons.

For certain items, you can instantly restore the setting to the default value by simultaneously pressing the [+] and [-] buttons.



## ● Function Setting List

| Item                       | Display          | Range/settings                    | Description  |
|----------------------------|------------------|-----------------------------------|--|
| Style Volume               | <i>StyleVol</i>  | 000–127                           | Determines the volume of the Style.  |
| Song Volume                | <i>SongVol</i>   | 000–127                           | Determines the volume of the Song.   |
| Transpose                  | <i>TransPos</i>  | -12–00–12                         | Determines the pitch of the instrument by semitone increments.   |
| Tuning                     | <i>Tuning</i>    | -100–000–100                      | Sets the pitch of the instrument's sound in 1-cent increments.   |
| Split Point                | <i>SplitPnt</i>  | 000–127<br>(C-2–G8)               | Sets the Split "point"—in other words, the key that separates the auto accompaniment range and Main voice.   |
| Touch Sensitivity          | <i>TouchSns</i>  | 1–3                               | Determines the sensitivity of the touch response. Default is 2.  |
| Reverb On/Off              | <i>on Reverb</i> | ON/OFF                            | Determines the On/Off status of the Reverb effect.   |
| Reverb Type                | <i>Reverb</i>    | 01–10                             | Determines the Reverb type. Refer to the Reverb Type list on page 67.  |
| Reverb Level               | <i>RevLevel</i>  | 000–127                           | Determines how much of the Voice's signal is sent to the Reverb effect.  |
| Panel Sustain              | <i>Sustain</i>   | ON/OFF                            | Determines whether or not Panel Sustain is always applied to the Main voice. Panel Sustain is applied continuously when ON, or not applied when OFF. |
| Main Voice Volume          | <i>M.VOLUME</i>  | 000–127                           | Determines the volume of the Main Voice.   |
| Main Voice Octave          | <i>M.Octave</i>  | -2–0–2                            | Determines the octave range for the Main Voice.  |
| Local On/Off               | <i>Local</i>     | ON/OFF                            | Determines whether the instrument's keyboard controls the internal tone generator (ON) or not (OFF).   |
| External Clock             | <i>ExtClock</i>  | ON/OFF                            | Determines whether the instrument synchronizes to the internal clock (OFF) or an external clock (ON).  |
| Initial Setup Send         | <i>InitSend</i>  | YES/NO                            | Lets you send the data of the panel settings. Use the [+] button to transmit the data.   |
| Time Signature Numerator   | <i>TimeSign</i>  | 00–60                             | Determines the time signature of the Metronome.  |
| Time Signature Denominator | <i>TimeSigD</i>  | 02 (♩), 04 (♩),<br>08 (♩), 16 (♩) | Determines the basic note value.   |
| Metronome Volume           | <i>MetroVol</i>  | 000–127                           | Determines the volume of the Metronome.  |
| Demo Cancel                | <i>D-Cancel</i>  | ON/OFF                            | Determines whether Demo cancel is enabled or not. When this is set to ON, the Demo Song will not play, even if the [DEMO] button is pressed.         |

## About MIDI

The instrument features a MIDI terminals that can be connected to other MIDI instruments and devices for expanded musical functionality.

---

### What is MIDI?

---

MIDI (Musical Instrument Digital Interface) is a world-standard interface for communication between electronic musical instruments and music devices. When MIDI-equipped instruments are connected via a MIDI cable, it becomes possible to transfer performance and setting data between them for significantly enhanced performance and production potential.



#### **CAUTION**

- *Connect the EZ-200 to external equipment only after turning off power for all devices. Then, turn on the power, first to the EZ-200, then to the connected external equipment.*

---

### What You Can Do With MIDI

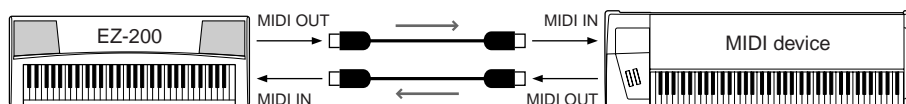
---

- Transferring performance and setting data between the EZ-200 and MIDI-equipped instruments or computers. (page 55)

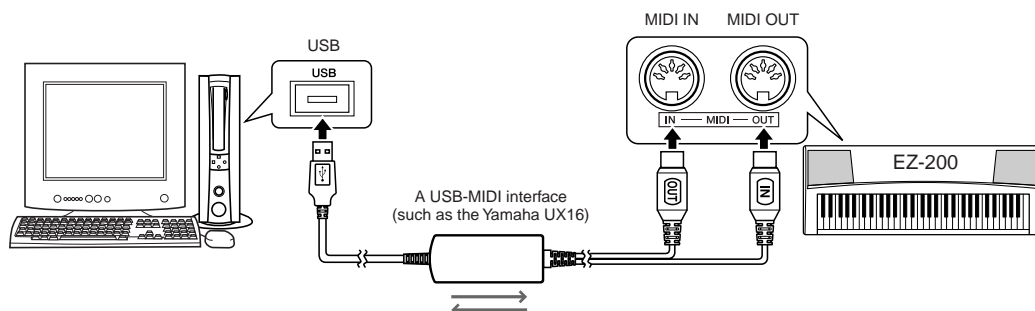
## Transferring Performance Data To and From Another Instrument

By connecting the EZ-200 to other MIDI devices or a computer, the performance data of the instrument can be used on those other MIDI devices or computer, and also the performance data from other MIDI devices and computer can be received and sounded with the EZ-200.

- When the instrument is connected with another MIDI device, it transmits/receives performance data.



- When the instrument is connected with a computer, it transmits/receives performance data.



A Yamaha UX16 or similar USB-MIDI interface (sold separately) will be necessary for MIDI connection between the EZ-200 and a USB-equipped computer.

Make sure to purchase a Yamaha UX16 or a quality USB-MIDI interface at a musical instrument store, computer store or electrical appliance store.

If you use the UX16 interface, install the driver supplied with the interface on your computer.

### NOTE

- When using a computer, special software (sequencer software) is needed.

## ■ MIDI settings

These settings should be made when transmitting/receiving performance data to a connected MIDI device or computer.

### Local Settings

Local Control determines whether or not notes played on the instrument are sounded by its internal tone generator system; the internal tone generator is active when local control is on, and inactive when local control is off.

- On** ..... This is the normal setting in which notes played on the instrument's keyboard are sounded by the internal tone generator system. Data received via the instrument's MIDI terminal will also be played by the internal tone generator.
- Off** ..... With this setting the instrument itself produces no sound (keyboard performance, or Style playback), but the performance data is transmitted via the MIDI terminal. Data received via the instrument's MIDI terminal will be played by the internal tone generator.

You can set the Local Control in the Function Settings (page 53).

#### CAUTION

- If you can't get any sound out of the instrument, Local Control may be the most likely cause. Playing the keyboard results in no sound when Local is set to OFF.

### External Clock Settings

These settings determine whether the instrument is synchronized to its own internal clock (OFF), or to a clock signal from an external device (ON).

- On**..... The instrument's time based functions will be synchronized to the clock from an external device connected to the MIDI terminal.
- Off**..... The instrument uses its own internal clock (default).

You can set the External Clock in the Function Settings (page 53).

#### CAUTION

- If External Clock is ON and no clock signal is being received from an external device, the Song, Style, and metronome functions will not start.

### EZ-200 Panel Setting Transmission (Initial Send)

Sends the EZ-200 panel settings to an external MIDI device.

When recording a EZ-200 performance to an external computer, sequencer or similar equipment, you can use this function to send the current EZ-200 panel settings so that when the sequence is played back the original panel settings are automatically restored.

You can set Initial Send in the Function settings (page 53).

# 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. (See page 56, 53.)   |
| Playing keys in the right hand area of the keyboard does not produce any sound.   | When using the Dictionary function (page 50), the keys in the right hand area are used only for entering the chord root and type.  |
| <ul style="list-style-type: none"> <li>• The volume is too soft.</li> <li>• The sound quality is poor.</li> <li>• The rhythm stops unexpectedly or will not play.</li> <li>• All settings have restored to default.</li> <li>• The Song, etc. does not play correctly.</li> </ul> | The batteries are low or dead. Replace all six batteries with completely new ones, or use the optional AC adaptor.   |
| 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 “External Clock Settings” on page 56, 53.  |
| The Style does not sound properly.  | Make sure that the Style Volume (page 47) is set to an appropriate level.  |
|   | Is the Split Point set at an appropriate key for the cords you are playing? Set the Split Point at an appropriate key (page 36).<br>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.   |
| No rhythm accompaniment plays when the [START/STOP] button is pressed after selecting Style number 093–100 (Pianist).   | This is not a malfunction. Style number 093–100 (Pianist) have no rhythm parts, so no rhythm will play. The other parts will begin playing when you play a chord in the accompaniment range of the keyboard if auto accompaniment is turned on.  |
| 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. If a style or Song is playing back at the same time, some notes/sounds may be omitted (or “stolen”) from the accompaniment or Song.  |
| 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 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 part indications, such as Right, Left and Both Hands, do not appear—even when pressing the [R] or [L] buttons for the Lesson.   | Make sure that you are not pressing the [R] or [L] buttons while the Song is playing. If you press one of the part buttons while playing the Song and before starting the Lesson, these buttons serve to mute the corresponding Song tracks. Stop the Song first, then select the desired part and start the Lesson. |
| The sound of the voice changes from note to note.   | 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.  |





| Voice No.            | Bank Select |             | MIDI Program Change# (1-128) | Voice Name     |
|----------------------|-------------|-------------|------------------------------|----------------|
|                      | MSB (0-127) | LSB (0-127) |                              |                |
| 064                  | 0           | 0           | 64                           | Synth Brass 2  |
| <b>FLUTE</b>         |             |             |                              |                |
| 065                  | 0           | 0           | 74                           | Flute          |
| 066                  | 0           | 0           | 73                           | Piccolo        |
| 067                  | 0           | 0           | 76                           | Pan Flute      |
| 068                  | 0           | 0           | 75                           | Recorder       |
| 069                  | 0           | 0           | 77                           | Blown Bottle   |
| 070                  | 0           | 0           | 78                           | Shakuhachi     |
| 071                  | 0           | 0           | 79                           | Whistle        |
| 072                  | 0           | 0           | 80                           | Ocarina        |
| <b>SYNTH LEAD</b>    |             |             |                              |                |
| 073                  | 0           | 0           | 81                           | Square Lead    |
| 074                  | 0           | 0           | 82                           | Sawtooth Lead  |
| 075                  | 0           | 0           | 83                           | Calliope Lead  |
| 076                  | 0           | 0           | 84                           | Chiff Lead     |
| 077                  | 0           | 0           | 85                           | Charang Lead   |
| 078                  | 0           | 0           | 86                           | Voice Lead     |
| 079                  | 0           | 0           | 87                           | Fifths Lead    |
| 080                  | 0           | 0           | 88                           | Bass & Lead    |
| <b>SYNTH PAD</b>     |             |             |                              |                |
| 081                  | 0           | 0           | 89                           | New Age Pad    |
| 082                  | 0           | 0           | 90                           | Warm Pad       |
| 083                  | 0           | 0           | 91                           | Poly Synth Pad |
| 084                  | 0           | 0           | 92                           | Choir Pad      |
| 085                  | 0           | 0           | 93                           | Bowed Pad      |
| 086                  | 0           | 0           | 94                           | Metallic Pad   |
| 087                  | 0           | 0           | 95                           | Halo Pad       |
| 088                  | 0           | 0           | 96                           | Sweep Pad      |
| <b>PERCUSSION</b>    |             |             |                              |                |
| 089                  | 0           | 0           | 12                           | Vibraphone     |
| 090                  | 0           | 0           | 13                           | Marimba        |
| 091                  | 0           | 0           | 14                           | Xylophone      |
| 092                  | 0           | 0           | 115                          | Steel Drums    |
| 093                  | 0           | 0           | 9                            | Celesta        |
| 094                  | 0           | 0           | 11                           | Music Box      |
| 095                  | 0           | 0           | 15                           | Tubular Bells  |
| 096                  | 0           | 0           | 48                           | Timpani        |
| 097                  | 0           | 0           | 10                           | Glockenspiel   |
| 098                  | 0           | 0           | 113                          | Tinkle Bell    |
| 099                  | 0           | 0           | 114                          | Agogo          |
| 100                  | 0           | 0           | 116                          | Woodblock      |
| 101                  | 0           | 0           | 117                          | Taiko Drum     |
| 102                  | 0           | 0           | 118                          | Melodic Tom    |
| 103                  | 0           | 0           | 119                          | Synth Drum     |
| 104                  | 0           | 0           | 120                          | Reverse Cymbal |
| <b>SYNTH EFFECTS</b> |             |             |                              |                |
| 105                  | 0           | 0           | 97                           | Rain           |
| 106                  | 0           | 0           | 98                           | Sound Track    |
| 107                  | 0           | 0           | 99                           | Crystal        |
| 108                  | 0           | 0           | 100                          | Atmosphere     |

| Voice No.            | Bank Select |             | MIDI Program Change# (1-128) | Voice Name               |
|----------------------|-------------|-------------|------------------------------|--------------------------|
|                      | MSB (0-127) | LSB (0-127) |                              |                          |
| 109                  | 0           | 0           | 101                          | Brightness               |
| 110                  | 0           | 0           | 102                          | Goblins                  |
| 111                  | 0           | 0           | 103                          | Echoes                   |
| 112                  | 0           | 0           | 104                          | Sci-Fi                   |
| <b>WORLD</b>         |             |             |                              |                          |
| 113                  | 0           | 0           | 105                          | Sitar                    |
| 114                  | 0           | 0           | 16                           | Dulcimer                 |
| 115                  | 0           | 0           | 106                          | Banjo                    |
| 116                  | 0           | 0           | 107                          | Shamisen                 |
| 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                   |
| <b>SOUND EFFECTS</b> |             |             |                              |                          |
| 122                  | 0           | 0           | 121                          | Fret Noise               |
| 123                  | 0           | 0           | 122                          | Breath Noise             |
| 124                  | 0           | 0           | 123                          | Seashore                 |
| 125                  | 0           | 0           | 124                          | Bird Tweet               |
| 126                  | 0           | 0           | 125                          | Telephone Ring           |
| 127                  | 0           | 0           | 126                          | Helicopter               |
| 128                  | 0           | 0           | 127                          | Applause                 |
| 129                  | 0           | 0           | 128                          | Gunshot                  |
| <b>DRUM KITS</b>     |             |             |                              |                          |
| 130                  | 127         | 0           | 1                            | Standard Kit 1           |
| 131                  | 127         | 0           | 2                            | Standard Kit 2           |
| 132                  | 127         | 0           | 9                            | Room Kit                 |
| 133                  | 127         | 0           | 17                           | Rock Kit                 |
| 134                  | 127         | 0           | 25                           | Electronic Kit           |
| 135                  | 127         | 0           | 26                           | Analog Kit               |
| 136                  | 127         | 0           | 28                           | Dance Kit                |
| 137                  | 127         | 0           | 33                           | Jazz Kit                 |
| 138                  | 127         | 0           | 41                           | Brush Kit                |
| 139                  | 127         | 0           | 49                           | Symphony Kit             |
| 140                  | 126         | 0           | 1                            | SFX Kit 1                |
| 141                  | 126         | 0           | 2                            | SFX Kit 2                |
| 142                  | 126         | 0           | 113                          | Sound Effect Kit         |
| <b>XGlite</b>        |             |             |                              |                          |
| 143                  | 0           | 1           | 1                            | Grand Piano KSP          |
| 144                  | 0           | 1           | 2                            | Bright Piano KSP         |
| 145                  | 0           | 1           | 3                            | Electric Grand Piano KSP |
| 146                  | 0           | 1           | 4                            | Honky-tonk Piano KSP     |
| 147                  | 0           | 1           | 5                            | Electric Piano 1 KSP     |
| 148                  | 0           | 1           | 6                            | Electric Piano 2 KSP     |
| 149                  | 0           | 1           | 7                            | Harpsichord KSP          |
| 150                  | 0           | 1           | 8                            | Clavi KSP                |
| 151                  | 0           | 1           | 12                           | Vibraphone KSP           |
| 152                  | 0           | 1           | 13                           | Marimba KSP              |

## Voice List

| Voice No. | Bank Select |             | MIDI Program Change# (1-128) | Voice Name               |
|-----------|-------------|-------------|------------------------------|--------------------------|
|           | MSB (0-127) | LSB (0-127) |                              |                          |
| 153       | 0           | 3           | 49                           | Stereo Strings           |
| 154       | 0           | 3           | 50                           | Stereo Slow Strings      |
| 155       | 0           | 3           | 53                           | Stereo Choir             |
| 156       | 0           | 6           | 40                           | Mellow Synth Bass        |
| 157       | 0           | 6           | 61                           | French Horn Solo         |
| 158       | 0           | 6           | 81                           | Square Lead 2            |
| 159       | 0           | 6           | 82                           | Sawtooth Lead 2          |
| 160       | 0           | 8           | 41                           | Slow Violin              |
| 161       | 0           | 8           | 45                           | Slow Tremolo Strings     |
| 162       | 0           | 8           | 49                           | Slow Strings             |
| 163       | 0           | 8           | 50                           | Legato Strings           |
| 164       | 0           | 8           | 81                           | LM Square                |
| 165       | 0           | 8           | 82                           | Thick Sawtooth           |
| 166       | 0           | 12          | 40                           | Sequenced Bass           |
| 167       | 0           | 12          | 99                           | Synth Drum Comp          |
| 168       | 0           | 14          | 99                           | Popcorn                  |
| 169       | 0           | 16          | 88                           | Big & Low                |
| 170       | 0           | 18          | 34                           | Finger Dark              |
| 171       | 0           | 18          | 40                           | Click Synth Bass         |
| 172       | 0           | 18          | 58                           | Trombone 2               |
| 173       | 0           | 18          | 64                           | Soft Brass               |
| 174       | 0           | 18          | 81                           | Hollow                   |
| 175       | 0           | 18          | 82                           | Dynamic Sawtooth         |
| 176       | 0           | 18          | 99                           | Tiny Bells               |
| 177       | 0           | 18          | 100                          | Warm Atmosphere          |
| 178       | 0           | 19          | 40                           | Synth Bass 2 Dark        |
| 179       | 0           | 19          | 81                           | Shroud                   |
| 180       | 0           | 19          | 82                           | Digital Sawtooth         |
| 181       | 0           | 19          | 100                          | Hollow Release           |
| 182       | 0           | 20          | 63                           | Resonant Synth Brass     |
| 183       | 0           | 20          | 82                           | Big Lead                 |
| 184       | 0           | 24          | 18                           | 70's Percussive Organ    |
| 185       | 0           | 27          | 98                           | Prologue                 |
| 186       | 0           | 28          | 35                           | Muted Pick Bass          |
| 187       | 0           | 28          | 106                          | Muted Banjo              |
| 188       | 0           | 32          | 3                            | Detuned CP80             |
| 189       | 0           | 32          | 5                            | Chorus Electric Piano 1  |
| 190       | 0           | 32          | 6                            | Chorus Electric Piano 2  |
| 191       | 0           | 32          | 17                           | Detuned Drawbar Organ    |
| 192       | 0           | 32          | 18                           | Detuned Percussive Organ |
| 193       | 0           | 32          | 20                           | Church Organ 3           |
| 194       | 0           | 32          | 23                           | Harmonica 2              |
| 195       | 0           | 32          | 27                           | Jazz Amp                 |
| 196       | 0           | 32          | 28                           | Chorus Guitar            |
| 197       | 0           | 32          | 36                           | Fretless Bass 2          |
| 198       | 0           | 32          | 37                           | Punch Thumb Bass         |

| Voice No. | Bank Select |             | MIDI Program Change# (1-128) | Voice Name                       |
|-----------|-------------|-------------|------------------------------|----------------------------------|
|           | MSB (0-127) | LSB (0-127) |                              |                                  |
| 199       | 0           | 32          | 53                           | Mellow Choir                     |
| 200       | 0           | 32          | 57                           | Warm Trumpet                     |
| 201       | 0           | 32          | 61                           | French Horn 2                    |
| 202       | 0           | 32          | 105                          | Detuned Sitar                    |
| 203       | 0           | 33          | 17                           | 60's Drawbar Organ 1             |
| 204       | 0           | 33          | 18                           | Light Organ                      |
| 205       | 0           | 33          | 36                           | Fretless Bass 3                  |
| 206       | 0           | 34          | 17                           | 60's Drawbar Organ 2             |
| 207       | 0           | 34          | 36                           | Fretless Bass 4                  |
| 208       | 0           | 35          | 7                            | Harpichord 3                     |
| 209       | 0           | 35          | 16                           | Dulcimer 2                       |
| 210       | 0           | 35          | 17                           | 70's Drawbar Organ 1             |
| 211       | 0           | 35          | 20                           | Church Organ 2                   |
| 212       | 0           | 35          | 26                           | 12-string Guitar                 |
| 213       | 0           | 35          | 49                           | 60's Strings                     |
| 214       | 0           | 35          | 56                           | Orchestra Hit 2                  |
| 215       | 0           | 35          | 62                           | Trumpet & Trombone Section       |
| 216       | 0           | 35          | 87                           | Big Five                         |
| 217       | 0           | 35          | 99                           | Round Glockenspiel               |
| 218       | 0           | 35          | 105                          | Sitar 2                          |
| 219       | 0           | 37          | 17                           | 60's Drawbar Organ 3             |
| 220       | 0           | 37          | 18                           | Percussive Organ 2               |
| 221       | 0           | 37          | 61                           | Horn Orchestra                   |
| 222       | 0           | 40          | 1                            | Piano Strings                    |
| 223       | 0           | 40          | 17                           | 16+2'2/3                         |
| 224       | 0           | 40          | 20                           | Notre Dame                       |
| 225       | 0           | 40          | 21                           | Puff Organ                       |
| 226       | 0           | 40          | 26                           | Nylon & Steel Guitar             |
| 227       | 0           | 40          | 29                           | Funk Guitar 1                    |
| 228       | 0           | 40          | 31                           | Feedback Guitar                  |
| 229       | 0           | 40          | 33                           | Jazz Rhythm                      |
| 230       | 0           | 40          | 34                           | Bass & Distorted Electric Guitar |
| 231       | 0           | 40          | 39                           | Techno Synth Bass                |
| 232       | 0           | 40          | 40                           | Modular Synth Bass               |
| 233       | 0           | 40          | 45                           | Suspense Strings                 |
| 234       | 0           | 40          | 47                           | Yang Chin                        |
| 235       | 0           | 40          | 49                           | Orchestra                        |
| 236       | 0           | 40          | 50                           | Warm Strings                     |
| 237       | 0           | 40          | 53                           | Choir Strings                    |
| 238       | 0           | 40          | 55                           | Synth Voice 2                    |
| 239       | 0           | 40          | 66                           | Sax Section                      |
| 240       | 0           | 40          | 67                           | Breathy Tenor Sax                |
| 241       | 0           | 40          | 99                           | Glockenspiel Chimes              |
| 242       | 0           | 40          | 100                          | Nylon Electric Piano             |
| 243       | 0           | 41          | 1                            | Dream                            |
| 244       | 0           | 41          | 6                            | DX + Analog Electric Piano       |

| Voice No. | Bank Select |             | MIDI Program Change# (1-128) | Voice Name                      |
|-----------|-------------|-------------|------------------------------|---------------------------------|
|           | MSB (0-127) | LSB (0-127) |                              |                                 |
| 245       | 0           | 41          | 26                           | Steel Guitar with Body Sound    |
| 246       | 0           | 41          | 29                           | Muted Steel Guitar              |
| 247       | 0           | 41          | 31                           | Feedback Guitar 2               |
| 248       | 0           | 41          | 40                           | DX Bass                         |
| 249       | 0           | 41          | 49                           | Orchestra 2                     |
| 250       | 0           | 41          | 50                           | Kingdom                         |
| 251       | 0           | 41          | 55                           | Choral                          |
| 252       | 0           | 41          | 64                           | Choir Brass                     |
| 253       | 0           | 41          | 99                           | Clear Bells                     |
| 254       | 0           | 42          | 49                           | Tremolo Orchestra               |
| 255       | 0           | 42          | 99                           | Chorus Bells                    |
| 256       | 0           | 43          | 25                           | Velocity Guitar Harmonics       |
| 257       | 0           | 43          | 30                           | Guitar Pinch                    |
| 258       | 0           | 43          | 34                           | Finger Slap Bass                |
| 259       | 0           | 43          | 38                           | Velocity Switch Slap            |
| 260       | 0           | 45          | 29                           | Jazz Man                        |
| 261       | 0           | 45          | 33                           | Velocity Crossfade Upright Bass |
| 262       | 0           | 45          | 34                           | Finger Bass 2                   |
| 263       | 0           | 45          | 49                           | Velocity Strings                |
| 264       | 0           | 64          | 11                           | Orgel                           |
| 265       | 0           | 64          | 13                           | Sine Marimba                    |
| 266       | 0           | 64          | 17                           | Organ Bass                      |
| 267       | 0           | 64          | 19                           | Rotary Organ                    |
| 268       | 0           | 64          | 20                           | Organ Flute                     |
| 269       | 0           | 64          | 24                           | Tango Accordion 2               |
| 270       | 0           | 64          | 55                           | Analog Voice                    |
| 271       | 0           | 64          | 56                           | Impact                          |
| 272       | 0           | 64          | 81                           | Mellow                          |
| 273       | 0           | 64          | 85                           | Distorted Lead                  |
| 274       | 0           | 64          | 88                           | Fat & Perky                     |
| 275       | 0           | 64          | 89                           | Fantasy                         |
| 276       | 0           | 64          | 100                          | Nylon Harp                      |
| 277       | 0           | 64          | 102                          | Goblins Synth                   |
| 278       | 0           | 64          | 118                          | Melodic Tom 2                   |
| 279       | 0           | 64          | 119                          | Analog Tom                      |
| 280       | 0           | 65          | 17                           | 70's Drawbar Organ 2            |
| 281       | 0           | 65          | 19                           | Slow Rotary                     |
| 282       | 0           | 65          | 20                           | Tremolo Organ Flute             |
| 283       | 0           | 65          | 32                           | Guitar Feedback                 |
| 284       | 0           | 65          | 34                           | Modulated Bass                  |
| 285       | 0           | 65          | 81                           | Solo Sine                       |
| 286       | 0           | 65          | 83                           | Pure Pad                        |
| 287       | 0           | 65          | 88                           | Soft Whirl                      |
| 288       | 0           | 65          | 97                           | African Wind                    |
| 289       | 0           | 65          | 99                           | Soft Crystal                    |
| 290       | 0           | 65          | 100                          | Harp Vox                        |

| Voice No. | Bank Select |             | MIDI Program Change# (1-128) | Voice Name            |
|-----------|-------------|-------------|------------------------------|-----------------------|
|           | MSB (0-127) | LSB (0-127) |                              |                       |
| 291       | 0           | 65          | 102                          | Creeper               |
| 292       | 0           | 65          | 118                          | Real Tom              |
| 293       | 0           | 65          | 119                          | Electronic Percussion |
| 294       | 0           | 66          | 17                           | Cheezy Organ          |
| 295       | 0           | 66          | 19                           | Fast Rotary           |
| 296       | 0           | 66          | 32                           | Guitar Harmonics 2    |
| 297       | 0           | 66          | 81                           | Sine Lead             |
| 298       | 0           | 66          | 92                           | Itopia                |
| 299       | 0           | 66          | 97                           | Carib                 |
| 300       | 0           | 66          | 100                          | Atmosphere Pad        |
| 301       | 0           | 66          | 118                          | Rock Tom              |
| 302       | 0           | 67          | 17                           | Drawbar Organ 3       |
| 303       | 0           | 67          | 102                          | Ritual                |
| 304       | 0           | 68          | 102                          | To Heaven             |
| 305       | 0           | 70          | 99                           | Air Bells             |
| 306       | 0           | 70          | 102                          | Night                 |
| 307       | 0           | 71          | 99                           | Bell Harp             |
| 308       | 0           | 71          | 102                          | Glisten               |
| 309       | 0           | 72          | 99                           | Gamelimba             |
| 310       | 0           | 96          | 15                           | Church Bells          |
| 311       | 0           | 96          | 16                           | Cimbalom              |
| 312       | 0           | 96          | 25                           | Ukulele               |
| 313       | 0           | 96          | 26                           | Mandolin              |
| 314       | 0           | 96          | 82                           | Sequenced Analog      |
| 315       | 0           | 96          | 102                          | Bell Choir            |
| 316       | 0           | 96          | 106                          | Rabab                 |
| 317       | 0           | 96          | 108                          | Taisho-kin            |
| 318       | 0           | 96          | 113                          | Bonang                |
| 319       | 0           | 96          | 116                          | Castanets             |
| 320       | 0           | 96          | 117                          | Gran Cassa            |
| 321       | 0           | 97          | 13                           | Balimba               |
| 322       | 0           | 97          | 15                           | Carillon              |
| 323       | 0           | 97          | 16                           | Santur                |
| 324       | 0           | 97          | 105                          | Tamboura              |
| 325       | 0           | 97          | 106                          | Gopichant             |
| 326       | 0           | 97          | 108                          | Kanoon                |
| 327       | 0           | 97          | 113                          | Altair                |
| 328       | 0           | 97          | 115                          | Glass Percussion      |
| 329       | 0           | 98          | 13                           | Log Drums             |
| 330       | 0           | 98          | 106                          | Oud                   |
| 331       | 0           | 98          | 113                          | Gamelan Gongs         |
| 332       | 0           | 98          | 115                          | Thai Bells            |
| 333       | 0           | 99          | 113                          | Stereo Gamelan Gongs  |
| 334       | 0           | 100         | 113                          | Rama Cymbal           |
| 335       | 64          | 0           | 1                            | Cutting Noise         |
| 336       | 64          | 0           | 2                            | Cutting Noise 2       |

## Voice List

| Voice No. | Bank Select |             | MIDI Program Change# (1-128) | Voice Name          |
|-----------|-------------|-------------|------------------------------|---------------------|
|           | MSB (0-127) | LSB (0-127) |                              |                     |
| 337       | 64          | 0           | 4                            | String Slap         |
| 338       | 64          | 0           | 17                           | Flute Key Click     |
| 339       | 64          | 0           | 33                           | Shower              |
| 340       | 64          | 0           | 34                           | Thunder             |
| 341       | 64          | 0           | 35                           | Wind                |
| 342       | 64          | 0           | 36                           | Stream              |
| 343       | 64          | 0           | 37                           | Bubble              |
| 344       | 64          | 0           | 38                           | Feed                |
| 345       | 64          | 0           | 49                           | Dog                 |
| 346       | 64          | 0           | 50                           | Horse               |
| 347       | 64          | 0           | 51                           | Bird Tweet 2        |
| 348       | 64          | 0           | 56                           | Maou                |
| 349       | 64          | 0           | 65                           | Phone Call          |
| 350       | 64          | 0           | 66                           | Door Squeak         |
| 351       | 64          | 0           | 67                           | Door Slam           |
| 352       | 64          | 0           | 68                           | Scratch Cut         |
| 353       | 64          | 0           | 69                           | Scratch Split       |
| 354       | 64          | 0           | 70                           | Wind Chime          |
| 355       | 64          | 0           | 71                           | Telephone Ring 2    |
| 356       | 64          | 0           | 81                           | Car Engine Ignition |
| 357       | 64          | 0           | 82                           | Car Tires Squeal    |
| 358       | 64          | 0           | 83                           | Car Passing         |
| 359       | 64          | 0           | 84                           | Car Crash           |
| 360       | 64          | 0           | 85                           | Siren               |
| 361       | 64          | 0           | 86                           | Train               |
| 362       | 64          | 0           | 87                           | Jet Plane           |
| 363       | 64          | 0           | 88                           | Starship            |
| 364       | 64          | 0           | 89                           | Burst               |
| 365       | 64          | 0           | 90                           | Roller Coaster      |
| 366       | 64          | 0           | 91                           | Submarine           |
| 367       | 64          | 0           | 97                           | Laugh               |
| 368       | 64          | 0           | 98                           | Scream              |
| 369       | 64          | 0           | 99                           | Punch               |
| 370       | 64          | 0           | 100                          | Heartbeat           |
| 371       | 64          | 0           | 101                          | Footsteps           |
| 372       | 64          | 0           | 113                          | Machine Gun         |
| 373       | 64          | 0           | 114                          | Laser Gun           |
| 374       | 64          | 0           | 115                          | Explosion           |
| 375       | 64          | 0           | 116                          | Firework            |

# Drum Kit List

- " " indicates that the drum sound is the same as "Standard Kit 1".
- Each percussion voice uses one note.
- The MIDI Note # and Note are actually one octave lower than keyboard Note # and Note. For example, in "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.)

|     |      | Voice No.                           |      |       |       | 130     | 131             | 132             | 133             | 134            |
|-----|------|-------------------------------------|------|-------|-------|---------|-----------------|-----------------|-----------------|----------------|
|     |      | MSB(0-127) / LSB(0-127) / PC(1-128) |      |       |       | 127/0/1 | 127/0/2         | 127/0/9         | 127/0/17        | 127/0/25       |
|     |      | Keyboard                            |      | MIDI  |       | Key Off | Alternate Group | Standard Kit    |                 |                |
|     |      | Note#                               | Note | Note# | Note  |         |                 | Standard Kit 1  | Standard Kit 2  | Room Kit       |
|     |      | 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     |                 |                |
| C1  | C#1  | 37                                  | C# 1 | 25    | C# 0  |         |                 | Brush Tap       |                 |                |
| D1  | D#1  | 38                                  | D 1  | 26    | D 0   | O       |                 | Brush Swirl     |                 |                |
| E1  |      | 39                                  | D# 1 | 27    | D# 0  |         |                 | Brush Slap      |                 |                |
| F1  | F#1  | 40                                  | E 1  | 28    | E 0   | O       |                 | Brush Tap Swirl |                 | Reverse Cymbal |
| G1  | G#1  | 41                                  | F 1  | 29    | F 0   | O       |                 | Snare Roll      |                 |                |
| A1  | A#1  | 42                                  | F# 1 | 30    | F# 0  |         |                 | Castanet        |                 | Hi Q 2         |
| B1  |      | 43                                  | G 1  | 31    | G 0   |         |                 | Snare H Soft    | Snare H Soft 2  | SD Rock H      |
| C2  | C#2  | 44                                  | G# 1 | 32    | G# 0  |         |                 | Sticks          |                 | Snare L        |
| D2  | D#2  | 45                                  | A 1  | 33    | A 0   |         |                 | Bass Drum Soft  |                 | Bass Drum H    |
| E2  |      | 46                                  | A# 1 | 34    | A# 0  |         |                 | Open Rim Shot   | Open Rim Shot 2 |                |
| F2  | F#2  | 47                                  | B 1  | 35    | B 0   |         |                 | Bass Drum Hard  |                 | Bass Drum H    |
| G2  | G#2  | 48                                  | C 2  | 36    | C 1   |         |                 | Bass Drum       | Bass Drum 2     | BD Rock        |
| A2  | A#2  | 49                                  | C# 2 | 37    | C# 1  |         |                 | Side Stick      |                 | BD Gate        |
| B2  |      | 50                                  | D 2  | 38    | D 1   |         |                 | Snare M         | Snare M 2       | SD Room L      |
| C3  | C#3  | 51                                  | D# 2 | 39    | D# 1  |         |                 | Hand Clap       |                 | SD Rock L      |
| D3  | D#3  | 52                                  | E 2  | 40    | E 1   |         |                 | Snare H Hard    | Snare H Hard 2  | SD Room H      |
| E3  |      | 53                                  | F 2  | 41    | F 1   |         |                 | Floor Tom L     |                 | SD Rock Rim    |
| F3  | F#3  | 54                                  | F# 2 | 42    | F# 1  | 1       |                 | Hi-Hat Closed   |                 | Room Tom 1     |
| G3  | G#3  | 55                                  | G 2  | 43    | G 1   |         |                 | Floor Tom H     |                 | SD Rock H      |
| A3  | A#3  | 56                                  | G# 2 | 44    | G# 1  | 1       |                 | Hi-Hat Pedal    |                 | E Tom 1        |
| B3  |      | 57                                  | A 2  | 45    | A 1   |         |                 | Low Tom         | Room Tom 2      | Rock Tom 2     |
| C4  | C#4  | 58                                  | A# 2 | 46    | A# 1  | 1       |                 | Hi-Hat Open     |                 | E Tom 2        |
| D4  | D#4  | 59                                  | B 2  | 47    | B 1   |         |                 | Mid Tom L       | Room Tom 3      | Rock Tom 3     |
| E4  |      | 60                                  | C 3  | 48    | C 2   |         |                 | Mid Tom H       | Room Tom 4      | Rock Tom 4     |
| F4  | F#4  | 61                                  | C# 3 | 49    | C# 2  |         |                 | Crash Cymbal 1  | Room Tom 5      | Rock Tom 5     |
| G4  | G#4  | 62                                  | D 3  | 50    | D 2   |         |                 | High Tom        | Room Tom 6      | Rock Tom 6     |
| A4  | A#4  | 63                                  | D# 3 | 51    | D# 2  |         |                 | Ride Cymbal 1   |                 | E Tom 6        |
| B4  |      | 64                                  | E 3  | 52    | E 2   |         |                 | Chinese Cymbal  |                 |                |
| C5  | C#5  | 65                                  | F 3  | 53    | F 2   |         |                 | Ride Cymbal Cup |                 |                |
| D5  | D#5  | 66                                  | F# 3 | 54    | F# 2  |         |                 | Tambourine      |                 |                |
| E5  |      | 67                                  | G 3  | 55    | G 2   |         |                 | Splash Cymbal   |                 |                |
| F5  | F#5  | 68                                  | G# 3 | 56    | G# 2  |         |                 | Cowbell         |                 |                |
| G5  | G#5  | 69                                  | A 3  | 57    | A 2   |         |                 | Crash Cymbal 2  |                 |                |
| A5  | A#5  | 70                                  | A# 3 | 58    | A# 2  |         |                 | Vibraslap       |                 |                |
| B5  |      | 71                                  | B 3  | 59    | B 2   |         |                 | Ride Cymbal 2   |                 |                |
| C6  | C#6  | 72                                  | C 4  | 60    | C 3   |         |                 | Bongo H         |                 |                |
| D6  | D#6  | 73                                  | C# 4 | 61    | C# 3  |         |                 | Bongo L         |                 |                |
| E6  |      | 74                                  | D 4  | 62    | D 3   |         |                 | Conga H Mute    |                 |                |
| F6  | F#6  | 75                                  | D# 4 | 63    | D# 3  |         |                 | Conga H Open    |                 |                |
| G6  | G#6  | 76                                  | E 4  | 64    | E 3   |         |                 | Conga L         |                 |                |
| A6  | A#6  | 77                                  | F 4  | 65    | F 3   |         |                 | Timbale H       |                 |                |
| B6  |      | 78                                  | F# 4 | 66    | F# 3  |         |                 | Timbale L       |                 |                |
| C7  | C#7  | 79                                  | G 4  | 67    | G 3   |         |                 | Agogo H         |                 |                |
| D7  | D#7  | 80                                  | G# 4 | 68    | G# 3  |         |                 | Agogo L         |                 |                |
| E7  |      | 81                                  | A 4  | 69    | A 3   |         |                 | Cabasa          |                 |                |
| F7  | F#7  | 82                                  | A# 4 | 70    | A# 3  |         |                 | Maracas         |                 |                |
| G7  | G#7  | 83                                  | B 4  | 71    | B 3   | O       |                 | Samba Whistle H |                 |                |
| A7  | A#7  | 84                                  | C 5  | 72    | C 4   | O       |                 | Samba Whistle L |                 |                |
| B7  |      | 85                                  | C# 5 | 73    | C# 4  |         |                 | Guiro Short     |                 |                |
| C8  | C#8  | 86                                  | D 5  | 74    | D 4   | O       |                 | Guiro Long      |                 |                |
| D8  | D#8  | 87                                  | D# 5 | 75    | D# 4  |         |                 | Claves          |                 |                |
| E8  |      | 88                                  | E 5  | 76    | E 4   |         |                 | Wood Block H    |                 |                |
| F8  | F#8  | 89                                  | F 5  | 77    | F 4   |         |                 | Wood Block L    |                 |                |
| G8  | G#8  | 90                                  | F# 5 | 78    | F# 4  |         |                 | Cuica Mute      |                 | Scratch Push   |
| A8  | A#8  | 91                                  | G 5  | 79    | G 4   |         |                 | Cuica Open      |                 | Scratch Pull   |
| B8  |      | 92                                  | G# 5 | 80    | G# 4  |         | 2               | Triangle Mute   |                 |                |
| C9  | C#9  | 93                                  | A 5  | 81    | A 4   |         | 2               | Triangle Open   |                 |                |
| D9  | D#9  | 94                                  | A# 5 | 82    | A# 4  |         |                 | Shaker          |                 |                |
| E9  |      | 95                                  | B 5  | 83    | B 4   |         |                 | Jingle Bell     |                 |                |
| F9  | F#9  | 96                                  | C 6  | 84    | C 5   |         |                 | Bell Tree       |                 |                |
| G9  | G#9  | 97                                  | C# 6 | 85    | C# 5  |         |                 |                 |                 |                |
| A9  | A#9  | 98                                  | D 6  | 86    | D 5   |         |                 |                 |                 |                |
| B9  |      | 99                                  | D# 6 | 87    | D# 5  |         |                 |                 |                 |                |
| C10 | C#10 | 100                                 | E 6  | 88    | E 5   |         |                 |                 |                 |                |
| D10 | D#10 | 101                                 | F 6  | 89    | F 5   |         |                 |                 |                 |                |
| E10 |      | 102                                 | F# 6 | 90    | F# 5  |         |                 |                 |                 |                |
| F10 | F#10 | 103                                 | G 6  | 91    | G 5   |         |                 |                 |                 |                |

Drum Kit List

|     |     | Voice No.                           |      |       |       |         | 130             | 135             | 136                | 137                | 138             |              |
|-----|-----|-------------------------------------|------|-------|-------|---------|-----------------|-----------------|--------------------|--------------------|-----------------|--------------|
|     |     | MSB(0-127) / LSB(0-127) / PC(1-128) |      |       |       |         | 127/0/1         | 127/0/26        | 127/0/28           | 127/0/33           | 127/0/41        |              |
|     |     | Keyboard                            |      | MIDI  |       | Key Off | Alternate Group | Standard Kit 1  | Analog Kit         | Dance Kit          | Jazz Kit        | Brush 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     |                    |                    |                 |              |
| C1  | C#1 | 37                                  | C# 1 | 25    | C# 0  |         |                 | Brush Tap       |                    |                    |                 |              |
| D1  | D#1 | 38                                  | D 1  | 26    | D 0   | O       |                 | Brush Swirl     |                    |                    |                 |              |
| E1  |     | 39                                  | D# 1 | 27    | D# 0  |         |                 | Brush Slap      |                    |                    |                 |              |
| F1  | F#1 | 40                                  | E 1  | 28    | E 0   | O       |                 | Brush Tap Swirl | Reverse Cymbal     | Reverse Cymbal     |                 |              |
| G1  | G#1 | 41                                  | F 1  | 29    | F 0   | O       |                 | Snare Roll      |                    |                    |                 |              |
| A1  | A#1 | 42                                  | F# 1 | 30    | F# 0  |         |                 | Castanet        | Hi Q 2             | Hi Q 2             |                 |              |
| B1  |     | 43                                  | G 1  | 31    | G 0   |         |                 | Snare H Soft    | SD Rock H          | AnSD Snappy        | SD Jazz H Light | Brush Slap L |
| C2  | C#2 | 44                                  | G# 1 | 32    | G# 0  |         |                 | Sticks          |                    |                    |                 |              |
| D2  | D#2 | 45                                  | A 1  | 33    | A 0   |         |                 | Bass Drum Soft  | Bass Drum H        | AnBD Dance-1       |                 |              |
| E2  |     | 46                                  | A# 1 | 34    | A# 0  |         |                 | Open Rim Shot   |                    | AnSD OpenRim       |                 |              |
| F2  | F#2 | 47                                  | B 1  | 35    | B 0   |         |                 | Bass Drum Hard  | BD Analog L        | AnBD Dance-2       |                 |              |
| G2  | G#2 | 48                                  | C 2  | 36    | C 1   |         |                 | Bass Drum       | BD Analog H        | AnBD Dance-3       | BD Jazz         | BD Jazz      |
| A2  | A#2 | 49                                  | C# 2 | 37    | C# 1  |         |                 | Side Stick      | Analog Side Stick  | Analog Side Stick  |                 |              |
| B2  |     | 50                                  | D 2  | 38    | D 1   |         |                 | Snare M         | Analog Snare 1     | AnSD Q             | SD Jazz L       | Brush Slap   |
| C3  | C#3 | 51                                  | D# 2 | 39    | D# 1  |         |                 | Hand Clap       |                    |                    |                 |              |
| D3  | D#3 | 52                                  | E 2  | 40    | E 1   |         |                 | Snare H Hard    | Analog Snare 2     | AnSD Ana+Acoustic  | SD Jazz M       | Brush Tap    |
| E3  |     | 53                                  | F 2  | 41    | F 1   |         |                 | Floor Tom L     | Analog Tom 1       | Analog Tom 1       | Jazz Tom 1      | Brush Tom 1  |
| F3  | F#3 | 54                                  | F# 2 | 42    | F# 1  | 1       |                 | Hi-Hat Closed   | Analog HH Closed 1 | Analog HH Closed 3 |                 |              |
| G3  | G#3 | 55                                  | G 2  | 43    | G 1   |         |                 | Floor Tom H     | Analog Tom 2       | Analog Tom 2       | Jazz Tom 2      | Brush Tom 2  |
| A3  | A#3 | 56                                  | G# 2 | 44    | G# 1  | 1       |                 | Hi-Hat Pedal    | Analog HH Closed 2 | Analog HH Closed 4 |                 |              |
| B3  |     | 57                                  | A 2  | 45    | A 1   |         |                 | Low Tom         | Analog Tom 3       | Analog Tom 3       | Jazz Tom 3      | Brush Tom 3  |
| C4  | C#4 | 58                                  | A# 2 | 46    | A# 1  | 1       |                 | Hi-Hat Open     | Analog HH Open     | Analog HH Open 2   |                 |              |
| D4  | D#4 | 59                                  | B 2  | 47    | B 1   |         |                 | Mid Tom L       | Analog Tom 4       | Analog Tom 4       | Jazz Tom 4      | Brush Tom 4  |
| E4  |     | 60                                  | C 3  | 48    | C 2   |         |                 | Mid Tom H       | Analog Tom 5       | Analog Tom 5       | Jazz Tom 5      | Brush Tom 5  |
| F4  | F#4 | 61                                  | C# 3 | 49    | C# 2  |         |                 | Crash Cymbal 1  | Analog Cymbal      | Analog Cymbal      |                 |              |
| G4  | G#4 | 62                                  | D 3  | 50    | D 2   |         |                 | High Tom        | Analog Tom 6       | Analog Tom 6       | Jazz Tom 6      | Brush Tom 6  |
| A4  | A#4 | 63                                  | D# 3 | 51    | D# 2  |         |                 | Ride Cymbal 1   |                    |                    |                 |              |
| B4  |     | 64                                  | E 3  | 52    | E 2   |         |                 | Chinese Cymbal  |                    |                    |                 |              |
| C5  | C#5 | 65                                  | F 3  | 53    | F 2   |         |                 | Ride Cymbal Cup |                    |                    |                 |              |
| D5  | D#5 | 66                                  | F# 3 | 54    | F# 2  |         |                 | Tambourine      |                    |                    |                 |              |
| E5  |     | 67                                  | G 3  | 55    | G 2   |         |                 | Splash Cymbal   |                    |                    |                 |              |
| F5  | F#5 | 68                                  | G# 3 | 56    | G# 2  |         |                 | Cowbell         | Analog Cowbell     | Analog Cowbell     |                 |              |
| G5  | G#5 | 69                                  | A 3  | 57    | A 2   |         |                 | Crash Cymbal 2  |                    |                    |                 |              |
| A5  | A#5 | 70                                  | A# 3 | 58    | A# 2  |         |                 | Vibraslap       |                    |                    |                 |              |
| B5  |     | 71                                  | B 3  | 59    | B 2   |         |                 | Ride Cymbal 2   |                    |                    |                 |              |
| C6  |     | 72                                  | C 4  | 60    | C 3   |         |                 | Bongo H         |                    |                    |                 |              |
| D6  |     | 73                                  | C# 4 | 61    | C# 3  |         |                 | Bongo L         |                    |                    |                 |              |
| E6  |     | 74                                  | D 4  | 62    | D 3   |         |                 | Conga H Mute    | Analog Conga H     | Analog Conga H     |                 |              |
| F6  |     | 75                                  | D# 4 | 63    | D# 3  |         |                 | Conga H Open    | Analog Conga M     | Analog Conga M     |                 |              |
| G6  |     | 76                                  | E 4  | 64    | E 3   |         |                 | Conga L         | Analog Conga L     | Analog Conga L     |                 |              |
| A6  |     | 77                                  | F 4  | 65    | F 3   |         |                 | Timbale H       |                    |                    |                 |              |
| B6  |     | 78                                  | F# 4 | 66    | F# 3  |         |                 | Timbale L       |                    |                    |                 |              |
| C7  |     | 79                                  | G 4  | 67    | G 3   |         |                 | Agogo H         |                    |                    |                 |              |
| D7  |     | 80                                  | G# 4 | 68    | G# 3  |         |                 | Agogo L         |                    |                    |                 |              |
| E7  |     | 81                                  | A 4  | 69    | A 3   |         |                 | Cabasa          |                    |                    |                 |              |
| F7  |     | 82                                  | A# 4 | 70    | A# 3  |         |                 | Maracas         | Analog Maracas     | Analog Maracas     |                 |              |
| G7  |     | 83                                  | B 4  | 71    | B 3   | O       |                 | Samba Whistle H |                    |                    |                 |              |
| A7  |     | 84                                  | C 5  | 72    | C 4   | O       |                 | Samba Whistle L |                    |                    |                 |              |
| B7  |     | 85                                  | C# 5 | 73    | C# 4  |         |                 | Guiro Short     |                    |                    |                 |              |
| C8  |     | 86                                  | D 5  | 74    | D 4   | O       |                 | Guiro Long      |                    |                    |                 |              |
| D8  |     | 87                                  | D# 5 | 75    | D# 4  |         |                 | Claves          | Analog Claves      | Analog Claves      |                 |              |
| E8  |     | 88                                  | E 5  | 76    | E 4   |         |                 | Wood Block H    |                    |                    |                 |              |
| F8  |     | 89                                  | F 5  | 77    | F 4   |         |                 | Wood Block L    |                    |                    |                 |              |
| G8  |     | 90                                  | F# 5 | 78    | F# 4  |         |                 | Cuica Mute      | Scratch Push       | Scratch Push       |                 |              |
| A8  |     | 91                                  | G 5  | 79    | G 4   |         |                 | Cuica Open      | Scratch Pull       | Scratch Pull       |                 |              |
| B8  |     | 92                                  | G# 5 | 80    | G# 4  |         | 2               | Triangle Mute   |                    |                    |                 |              |
| C9  |     | 93                                  | A 5  | 81    | A 4   |         | 2               | Triangle Open   |                    |                    |                 |              |
| D9  |     | 94                                  | A# 5 | 82    | A# 4  |         |                 | Shaker          |                    |                    |                 |              |
| E9  |     | 95                                  | B 5  | 83    | B 4   |         |                 | Jingle Bell     |                    |                    |                 |              |
| F9  |     | 96                                  | C 6  | 84    | C 5   |         |                 | Bell Tree       |                    |                    |                 |              |
| G9  |     | 97                                  | C# 6 | 85    | C# 5  |         |                 |                 |                    |                    |                 |              |
| A9  |     | 98                                  | D 6  | 86    | D 5   |         |                 |                 |                    |                    |                 |              |
| B9  |     | 99                                  | D# 6 | 87    | D# 5  |         |                 |                 |                    |                    |                 |              |
| C10 |     | 100                                 | E 6  | 88    | E 5   |         |                 |                 |                    |                    |                 |              |
| D10 |     | 101                                 | F 6  | 89    | F 5   |         |                 |                 |                    |                    |                 |              |
| E10 |     | 102                                 | F# 6 | 90    | F# 5  |         |                 |                 |                    |                    |                 |              |
| F10 |     | 103                                 | G 6  | 91    | G 5   |         |                 |                 |                    |                    |                 |              |

|     |     | Voice No.                           |      |       |       | 130             | 139             | 140              | 141             | 142                 |                  |
|-----|-----|-------------------------------------|------|-------|-------|-----------------|-----------------|------------------|-----------------|---------------------|------------------|
|     |     | MSB(0-127) / LSB(0-127) / PC(1-128) |      |       |       | 127/0/1         | 127/0/49        | 126/0/1          | 126/0/2         | 126/0/113           |                  |
|     |     | Keyboard                            |      | MIDI  |       | Alternate Group | Standard Kit 1  | Symphony Kit     | SFX Kit 1       | SFX Kit 2           | Sound Effect Kit |
|     |     | Note#                               | Note | Note# | Note  |                 |                 |                  |                 |                     |                  |
|     |     | 25                                  | C# 0 | 13    | C# -1 |                 | 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     |                  |                 |                     |                  |
| C1  | C#1 | 37                                  | C# 1 | 25    | C# 0  |                 | Brush Tap       |                  |                 |                     |                  |
| D1  | D#1 | 38                                  | D 1  | 26    | D 0   | O               | Brush Swirl     |                  |                 |                     |                  |
| E1  |     | 39                                  | D# 1 | 27    | D# 0  |                 | Brush Slap      |                  |                 |                     |                  |
| F1  | F#1 | 40                                  | E 1  | 28    | E 0   | O               | Brush Tap Swirl |                  |                 |                     |                  |
| G1  | G#1 | 41                                  | F 1  | 29    | F 0   | O               | Snare Roll      |                  |                 |                     |                  |
| A1  | A#1 | 42                                  | F# 1 | 30    | F# 0  |                 | Castanet        |                  |                 |                     | Drum Loop        |
| B1  |     | 43                                  | G 1  | 31    | G 0   |                 | Snare H Soft    |                  |                 |                     |                  |
| C2  | C#2 | 44                                  | G# 1 | 32    | G# 0  |                 | Sticks          |                  |                 |                     |                  |
| D2  | D#2 | 45                                  | A 1  | 33    | A 0   |                 | Bass Drum Soft  | Bass Drum L      |                 |                     |                  |
| E2  |     | 46                                  | A# 1 | 34    | A# 0  |                 | Open Rim Shot   |                  |                 |                     |                  |
| F2  | F#2 | 47                                  | B 1  | 35    | B 0   |                 | Bass Drum Hard  | Gran Cassa       |                 |                     |                  |
| G2  | G#2 | 48                                  | C 2  | 36    | C 1   |                 | Bass Drum       | Gran Cassa Mute  | Cutting Noise   | Phone Call          | Heartbeat        |
| A2  | A#2 | 49                                  | C# 2 | 37    | C# 1  |                 | Side Stick      |                  | Cutting Noise 2 | Door Squeak         | Footsteps        |
| B2  |     | 50                                  | D 2  | 38    | D 1   |                 | Snare M         | Marching Sn M    |                 | Door Slam           | Door Squeak      |
| C3  | C#3 | 51                                  | D# 2 | 39    | D# 1  |                 | Hand Clap       |                  | String Slap     | Scratch Cut         | Door Slam        |
| D3  | D#3 | 52                                  | E 2  | 40    | E 1   |                 | Snare H Hard    | Marching Sn H    |                 | Scratch             | Applause         |
| E3  | F#3 | 53                                  | F 2  | 41    | F 1   |                 | Floor Tom L     | Jazz Tom 1       |                 | Wind Chime          | Camera           |
| F3  | G#3 | 54                                  | F# 2 | 42    | F# 1  | 1               | Hi-Hat Closed   |                  |                 | Telephone Ring 2    | Horn             |
| G3  | A#3 | 55                                  | G 2  | 43    | G 1   |                 | Floor Tom H     | Jazz Tom 2       |                 |                     | Hiccup           |
| A3  |     | 56                                  | G# 2 | 44    | G# 1  | 1               | Hi-Hat Pedal    |                  |                 |                     | Cuckoo Clock     |
| B3  |     | 57                                  | A 2  | 45    | A 1   |                 | Low Tom         | Jazz Tom 3       |                 |                     | Stream           |
| C4  | C#4 | 58                                  | A# 2 | 46    | A# 1  | 1               | Hi-Hat Open     |                  |                 |                     | Frog             |
| D4  | D#4 | 59                                  | B 2  | 47    | B 1   |                 | Mid Tom L       | Jazz Tom 4       |                 |                     | Rooster          |
| E4  |     | 60                                  | C 3  | 48    | C 2   |                 | Mid Tom H       | Jazz Tom 5       |                 |                     | Dog              |
| F4  | F#4 | 61                                  | C# 3 | 49    | C# 2  |                 | Crash Cymbal 1  | Hand Cym. L      |                 |                     | Cat              |
| G4  | G#4 | 62                                  | D 3  | 50    | D 2   |                 | High Tom        | Jazz Tom 6       |                 |                     | Owl              |
| A4  | A#4 | 63                                  | D# 3 | 51    | D# 2  |                 | Ride Cymbal 1   | Hand Cym.Short L |                 |                     | Horse Gallop     |
| B4  |     | 64                                  | E 3  | 52    | E 2   |                 | Chinese Cymbal  |                  | Flute Key Click | Car Engine Ignition | Horse Neigh      |
| C5  | C#5 | 65                                  | F 3  | 53    | F 2   |                 | Ride Cymbal Cup |                  |                 | Car Tires Squeal    | Cow              |
| D5  | D#5 | 66                                  | F# 3 | 54    | F# 2  |                 | Tambourine      |                  |                 | Car Passing         | Lion             |
| E5  |     | 67                                  | G 3  | 55    | G 2   |                 | Splash Cymbal   |                  |                 | Car Crash           | Scratch          |
| F5  | F#5 | 68                                  | G# 3 | 56    | G# 2  |                 | Cowbell         |                  |                 | Siren               | Yo!              |
| G5  | G#5 | 69                                  | A 3  | 57    | A 2   |                 | Crash Cymbal 2  | Hand Cym. H      |                 | Train               | Go!              |
| A5  | A#5 | 70                                  | A# 3 | 58    | A# 2  |                 | Vibraslap       |                  |                 | Jet Plane           | Get up!          |
| B5  |     | 71                                  | B 3  | 59    | B 2   |                 | Ride Cymbal 2   | Hand Cym.Short H |                 | Starship            | Whoow!           |
| C6  |     | 72                                  | C 4  | 60    | C 3   |                 | Bongo H         |                  |                 | Burst               |                  |
| D6  |     | 73                                  | C# 4 | 61    | C# 3  |                 | Bongo L         |                  |                 | Roller Coaster      |                  |
| E6  |     | 74                                  | D 4  | 62    | D 3   |                 | Conga H Mute    |                  |                 | Submarine           |                  |
| F6  |     | 75                                  | D# 4 | 63    | D# 3  |                 | Conga H Open    |                  |                 |                     |                  |
| G6  |     | 76                                  | E 4  | 64    | E 3   |                 | Conga L         |                  |                 |                     |                  |
| A6  |     | 77                                  | F 4  | 65    | F 3   |                 | Timbale H       |                  |                 |                     |                  |
| B6  |     | 78                                  | F# 4 | 66    | F# 3  |                 | Timbale L       |                  |                 |                     | Huuuah!          |
| C7  |     | 79                                  | G 4  | 67    | G 3   |                 | Agogo H         |                  |                 |                     |                  |
| D7  |     | 80                                  | G# 4 | 68    | G# 3  |                 | Agogo L         |                  | Shower          | Laugh               |                  |
| E7  |     | 81                                  | A 4  | 69    | A 3   |                 | Cabasa          | Thunder          |                 | Scream              |                  |
| F7  |     | 82                                  | A# 4 | 70    | A# 3  |                 | Maracas         | Wind             |                 | Punch               |                  |
| G7  |     | 83                                  | B 4  | 71    | B 3   | O               | Samba Whistle H | Stream           |                 | Heartbeat           |                  |
| A7  |     | 84                                  | C 5  | 72    | C 4   | O               | Samba Whistle L | Bubble           |                 | Footsteps           |                  |
| B7  |     | 85                                  | C# 5 | 73    | C# 4  |                 | Guiro Short     | Feed             |                 |                     |                  |
| C8  |     | 86                                  | D 5  | 74    | D 4   | O               | Guiro Long      |                  |                 |                     |                  |
| D8  |     | 87                                  | D# 5 | 75    | D# 4  |                 | Claves          |                  |                 |                     |                  |
| E8  |     | 88                                  | E 5  | 76    | E 4   |                 | Wood Block H    |                  |                 |                     |                  |
| F8  |     | 89                                  | F 5  | 77    | F 4   |                 | Wood Block L    |                  |                 |                     |                  |
| G8  |     | 90                                  | F# 5 | 78    | F# 4  |                 | Cuica Mute      |                  |                 |                     | Uhl+Hit          |
| A8  |     | 91                                  | G 5  | 79    | G 4   |                 | Cuica Open      |                  |                 |                     |                  |
| B8  |     | 92                                  | G# 5 | 80    | G# 4  | 2               | Triangle Mute   |                  |                 |                     |                  |
| C9  |     | 93                                  | A 5  | 81    | A 4   | 2               | Triangle Open   |                  |                 |                     |                  |
| D9  |     | 94                                  | A# 5 | 82    | A# 4  |                 | Shaker          |                  |                 |                     |                  |
| E9  |     | 95                                  | B 5  | 83    | B 4   |                 | Jingle Bell     |                  |                 |                     |                  |
| F9  |     | 96                                  | C 6  | 84    | C 5   |                 | Bell Tree       |                  | Dog             | Machine Gun         |                  |
| G9  |     | 97                                  | C# 6 | 85    | C# 5  |                 |                 | Horse            |                 | Laser Gun           |                  |
| A9  |     | 98                                  | D 6  | 86    | D 5   |                 |                 | Bird Tweet 2     |                 | Explosion           |                  |
| B9  |     | 99                                  | D# 6 | 87    | D# 5  |                 |                 |                  |                 | Firework            |                  |
| C10 |     | 100                                 | E 6  | 88    | E 5   |                 |                 |                  |                 |                     |                  |
| D10 |     | 101                                 | F 6  | 89    | F 5   |                 |                 |                  |                 |                     |                  |
| E10 |     | 102                                 | F# 6 | 90    | F# 5  |                 |                 |                  |                 |                     |                  |
| F10 |     | 103                                 | G 6  | 91    | G 5   |                 |                 | Maou             |                 |                     |                  |

# Style List

| Style No.      | Style Name    |
|----------------|---------------|
| <b>8 Beat</b>  |               |
| 001            | 8BeatModern   |
| 002            | 60'sGtrPop    |
| 003            | 8BeatAdria    |
| 004            | 60's8Beat     |
| 005            | 8Beat         |
| 006            | OffBeat       |
| 007            | 60'sRock      |
| 008            | HardRock      |
| 009            | RockShuffle   |
| 010            | 8BeatRock     |
| <b>16 Beat</b> |               |
| 011            | 16Beat        |
| 012            | PopShuffle    |
| 013            | GuitarPop     |
| 014            | 16BtUptempo   |
| 015            | KoolShuffle   |
| 016            | HipHopLight   |
| <b>Ballad</b>  |               |
| 017            | PianoBallad   |
| 018            | LoveSong      |
| 019            | 6/8ModernEP   |
| 020            | 6/8SlowRock   |
| 021            | OrganBallad   |
| 022            | PopBallad     |
| 023            | 16BeatBallad  |
| <b>Dance</b>   |               |
| 024            | EuroTrance    |
| 025            | Ibiza         |
| 026            | SwingHouse    |
| 027            | Clubdance     |
| 028            | ClubLatin     |
| 029            | Garage1       |
| 030            | Garage2       |
| 031            | TechnoParty   |
| 032            | UKPop         |
| 033            | HipHopGroove  |
| 034            | HipShuffle    |
| 035            | HipHopPop     |
| <b>Disco</b>   |               |
| 036            | 70'sDisco     |
| 037            | LatinDisco    |
| 038            | SaturdayNight |
| 039            | DiscoHands    |

| Style No.               | Style Name     |
|-------------------------|----------------|
| <b>Swing &amp; Jazz</b> |                |
| 040                     | BigBandFast    |
| 041                     | BigBandBallad  |
| 042                     | JazzClub       |
| 043                     | Swing1         |
| 044                     | Swing2         |
| 045                     | Five/Four      |
| 046                     | Dixieland      |
| 047                     | Ragtime        |
| <b>R &amp; B</b>        |                |
| 048                     | Soul           |
| 049                     | DetroitPop     |
| 050                     | 6/8Soul        |
| 051                     | CrocoTwist     |
| 052                     | Rock&Roll      |
| 053                     | ComboBoogie    |
| 054                     | 6/8Blues       |
| <b>Country</b>          |                |
| 055                     | CountryPop     |
| 056                     | CountrySwing   |
| 057                     | Country2/4     |
| 058                     | Bluegrass      |
| <b>Latin</b>            |                |
| 059                     | BrazilianSamba |
| 060                     | BossaNova      |
| 061                     | Tijuana        |
| 062                     | DiscoLatin     |
| 063                     | Mambo          |
| 064                     | Salsa          |
| 065                     | Beguine        |
| 066                     | Reggae         |
| <b>Ballroom</b>         |                |
| 067                     | VienneseWaltz  |
| 068                     | EnglishWaltz   |
| 069                     | Slowfox        |
| 070                     | Foxtrot        |
| 071                     | Quickstep      |
| 072                     | Tango          |
| 073                     | Pasodoble      |
| 074                     | Samba          |
| 075                     | ChaChaCha      |
| 076                     | Rumba          |
| 077                     | Jive           |

| Style No.          | Style Name       |
|--------------------|------------------|
| <b>Traditional</b> |                  |
| 078                | USMarch          |
| 079                | 6/8March         |
| 080                | GermanMarch      |
| 081                | PolkaPop         |
| 082                | OberPolka        |
| 083                | Tarantella       |
| 084                | Showtune         |
| 085                | ChristmasSwing   |
| 086                | ChristmasWaltz   |
| 087                | ScottishReel     |
| <b>Waltz</b>       |                  |
| 088                | SwingWaltz       |
| 089                | JazzWaltz        |
| 090                | CountryWaltz     |
| 091                | OberWalzer       |
| 092                | Musette          |
| <b>Pianist</b>     |                  |
| 093                | Stride           |
| 094                | PianoSwing       |
| 095                | Arpeggio         |
| 096                | Habanera         |
| 097                | SlowRock         |
| 098                | 8BeatPianoBallad |
| 099                | 6/8PianoMarch    |
| 100                | PianoWaltz       |



# Effect Type List

## ● 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.                    |

# MIDI Implementation Chart

YAMAHA [ Portable Keyboard ] Date:18-Jan-2007  
 Model EZ-200 MIDI Implementation Chart Version:1.0

| Function...                  | Transmitted  | Recognized                                | Remarks  |
|------------------------------|--|---|--|
| Basic Channel Changed        | 1 - 16<br>x  | 1 - 16<br>x                               |  |
| Mode                         | 3<br>x<br>*****  | 3<br>x<br>x                               |  |
| Default Messages Altered     | 3<br>x<br>*****  | 3<br>x<br>x                               |  |
| Note Number : True voice     | 0 - 127<br>*****   | 0 - 127<br>0 - 127                        |  |
| Velocity Note ON<br>Note OFF | 0 9nH, v=1-127<br>x                                      | 0 9nH, v=1-127<br>x                       |  |
| After Touch                  | Key's<br>Ch's  | x<br>x                                    |  |
| Pitch Bend                   | x  | 0   |  |
| Control Change               | 0, 32<br>1<br>6<br>38<br>7, 10<br>11<br>64<br>71, 73, 74 | 0<br>*1<br>*1<br>*1<br>0<br>*1<br>0<br>*1 | Bank Select<br>Modulation wheel<br>Data Entry (MSB)<br>Data Entry (LSB)<br><br>Expression<br>Sustain |

|                      |   |         |   |               |   |                  |
|----------------------|---|---------|---|---------------|---|------------------|
| 72                   | o |         |   |               | o | Release Time     |
| 84                   | x | *1      |   |               | o | Portamento Cntrl |
| 91,93                | o |         |   |               | o | Effect 1,3 Depth |
| 96,97                | x |         |   |               | o | RPN Inc,Dec      |
| 100,101              | x |         |   |               | o | RPN LSB,MSB      |
| Prog Change : True # | o | 0 - 127 | o | 0 - 127       |   |                  |
| System Exclusive     | o | *****   | o |               |   |                  |
| : Song Pos.          | x |         | x |               |   |                  |
| Common : Song Sel.   | x |         | x |               |   |                  |
| : Tune               | x |         | x |               |   |                  |
| System : Clock       | o |         | o |               |   |                  |
| Real Time: Commands  | o |         | o |               |   |                  |
| Aux :All Sound OFF   | x |         | o | (120,126,127) |   |                  |
| :Reset All Cntrls    | x |         | o | (121)         |   |                  |
| :Local ON/OFF        | x |         | o | (122)         |   |                  |
| Mes- :All Notes OFF  | x |         | o | (123-125)     |   |                  |
| sages:Active Sense   | o |         | o |               |   |                  |
| :Reset               | x |         | x |               |   |                  |

\*1 Refer to #2 on page 70.

Mode 1 : OMNI ON , POLY      Mode 2 : OMNI ON , MONO      o : Yes  
 Mode 3 : OMNI OFF, POLY      Mode 4 : OMNI OFF, MONO      x : No

# MIDI Data Format

## NOTE:

1 By default (factory settings) the instrument ordinarily functions as a 16-channel multi-timbral tone generator, and incoming data does not affect the panel voices or panel settings. However, the MIDI messages listed below do affect the panel voices, auto accompaniment, and songs.

- MIDI Master Tuning
- System exclusive messages for changing the Reverb Type and Chorus Type.

2 Messages for these control change numbers cannot be transmitted from the instrument itself. However, they may be transmitted when playing the accompaniment, song or using the Harmony effect.

3 Exclusive

<GM System ON> F0H, 7EH, 7FH, 09H, 01H, F7H

- This message automatically restores all default settings for the instrument, with the exception of MIDI Master Tuning.

<MIDI Master Volume> F0H, 7FH, 7FH, 04H, 01H, II, mm, F7H

- This message allows the volume of all channels to be changed simultaneously (Universal System Exclusive).
- The values of "mm" is used for MIDI Master Volume. (Values for "II" are ignored.)

<MIDI Master Tuning> F0H, 43H, 1nH, 27H, 30H, 00H, 00H, mm, II, cc, F7H

- This message simultaneously changes the tuning value of all channels.
- The values of "mm" and "II" are used for MIDI Master Tuning.
- The default value of "mm" and "II" are 08H and 00H, respectively. Any values can be used for "n" and "cc."

<Reverb Type> F0H, 43H, 1nH, 4CH, 02H, 01H, 00H, mmH, IIH, F7H

- mm : Reverb Type MSB
  - II : Reverb Type LSB
- Refer to the Effect Map (page 70) for details.

<Chorus Type> F0H, 43H, 1nH, 4CH, 02H, 01H, 20H, mmH, IIH, F7H

- mm : Chorus Type MSB
  - II : Chorus Type LSB
- Refer to the Effect Map (page 70) for details.

4 When the accompaniment is started, an FAH message is transmitted. When accompaniment is stopped, an FCH message is transmitted. When the clock is set to External, both FAH (accompaniment start) and FCH (accompaniment stop) are recognized.

5 Local ON/OFF

<Local ON> Bn, 7A, 7F

<Local OFF> Bn, 7A, 00

Value for "n" is ignored.

## Effect map

\* When a Type LSB value is received that corresponds to no effect type, a value corresponding to the effect type (coming the closest to the specified value) is automatically set.

\* The numbers in parentheses in front of the Effect Type names correspond to the number indicated in the display.

## REVERB

| TYPE MSB | TYPE LSB  |   |   |   |            |            |    |           |    |  |
|----------|-----------|---|---|---|------------|------------|----|-----------|----|--|
|          | 0         | 1 | 2 | 8 | 16         | 17         | 18 | 19        | 20 |  |
| 0        | No Effect |   |   |   |            |            |    |           |    |  |
| 1        | (01)Hall1 |   |   |   | (02)Hall2  | (03)Hall3  |    |           |    |  |
| 2        | Room      |   |   |   |            | (04)Room1  |    | (05)Room2 |    |  |
| 3        | Stage     |   |   |   | (06)Stage1 | (07)Stage2 |    |           |    |  |
| 4        | Plate     |   |   |   | (08)Plate1 | (09)Plate2 |    |           |    |  |
| 5...127  | No Effect |   |   |   |            |            |    |           |    |  |

## CHORUS

| TYPE MSB | TYPE LSB  |   |            |             |    |             |    |    |    |  |
|----------|-----------|---|------------|-------------|----|-------------|----|----|----|--|
|          | 0         | 1 | 2          | 8           | 16 | 17          | 18 | 19 | 20 |  |
| 0...63   | No Effect |   |            |             |    |             |    |    |    |  |
| 64       | Thru      |   |            |             |    |             |    |    |    |  |
| 65       | Chorus    |   | (2)Chorus2 |             |    |             |    |    |    |  |
| 66       | Celeste   |   |            |             |    | (1)Chorus1  |    |    |    |  |
| 67       | Flanger   |   |            | (3)Flanger1 |    | (4)Flanger2 |    |    |    |  |
| 68...127 | No Effect |   |            |             |    |             |    |    |    |  |

# Specifications

## Keyboards

- 61 standard-size keys (C1–C6), with Touch Response and Light Guide

## Display

- LCD display

## Setup

- STANDBY/ON
- MASTER VOLUME: [+], [-] buttons

## Panel Controls

- [L], [R], [LISTEN & LEARN], [TIMING], [WAITING], [A-B REPEAT]/[ACMP ON/OFF], [REW]/[INTRO/ENDING/rit.], [FF]/[MAIN/AUTO FILL], [TEMPO/TAP], [PAUSE]/[SYNC START], [START/STOP], [SONG], [STYLE], [VOICE], [FUNCTION], [PORTABLE GRAND], [LIGHT ON/OFF], [TOUCH ON/OFF], [DEMO], [METRONOME ON/OFF], number buttons [0]–[9], [+], [-]

## Voice

- Stereo Grand Piano + 361 XGlite voices + 12 drum kits + 1 sound effect kit
- Polyphony: 32

## Style

- 100 preset Styles
- Style Control: ACMP ON/OFF, SYNC START, START/STOP, INTRO/ENDING/rit., MAIN/AUTO FILL
- Fingering: Multi fingering
- Style Volume

## Education Feature

- Chord Dictionary
- Lesson: LISTEN&LEARN, TIMING, WAITING

## Function

- Style Volume, Song Volume, Transpose, Tuning, Split Point, Touch Sensitivity, Reverb On/Off, Reverb Type, Reverb Level, Panel Sustain, Main Voice Volume, Main Voice Octave, Local On/Off, External Clock, Initial Setup Send, Time Signature Numerator, Time Signature Denominator, Metronome Volume, Demo Cancel

## Effects

- Reverb: 9 types

## Song

- 100 Preset Songs
- Song Volume

## MIDI

- Local On/Off
- Initial Setup Send
- External Clock

## Auxiliary jacks

- PHONES/OUTPUT, DC IN 12V, MIDI in/out, SUSTAIN

## Amplifier

- 2.5W + 2.5W

## Speakers

- 12cm x 2

## Power Consumption

- 10W (When using PA-3C power adaptor)

## Power Supply

- Adaptor: Yamaha PA-3C, PA-130, or an equivalent
- Batteries: Six "AA" size, LR6 or equivalent batteries

## Dimensions (W x D x H)

- 945 x 348 x 110 mm  
(37-1/4" x 13-2/3" x 4-1/3")

## Weight

- 4.7kg (10 lbs. 6 oz.) (not including batteries)

## Supplied Accessories

- Music Rest
- Owner's Manual
- Song Book

---

## Optional Accessories

- AC Power Adaptor: PA-3C, PA-130 or an equivalent
  - USB-MIDI Interface: UX16
  - Footswitch: FC4/FC5
  - Keyboard Stand: L-2C
  - 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.

## Panel Controls and Terminals

|                                  |           |
|----------------------------------|-----------|
| A-B REPEAT button .....          | 35        |
| ACMP ON/OFF button .....         | 24        |
| DEMO button .....                | 13        |
| FF button .....                  | 14        |
| FUNCTION button .....            | 27, 52    |
| INTRO/ENDING/rit. button .....   | 45        |
| L button .....                   | 30        |
| LIGHT ON/OFF button .....        | 29        |
| LISTEN & LEARN button .....      | 31        |
| MAIN/AUTO FILL button .....      | 45        |
| MASTER VOLUME +, - buttons ..... | 9, 12, 26 |
| METRONOME ON/OFF button .....    | 20        |
| number buttons 0–9, +, - .....   | 27        |
| PAUSE button .....               | 14        |
| PORTABLE GRAND button .....      | 17        |
| R button .....                   | 30        |
| REW button .....                 | 14        |
| SONG button .....                | 13, 27    |
| STANDBY/ON switch .....          | 9, 12, 26 |
| START/STOP button .....          | 26        |
| STYLE button .....               | 23, 27    |
| SYNC START button .....          | 24        |
| TEMPO/TAP button .....           | 38        |
| TIMING button .....              | 31        |
| TOUCH ON/OFF button .....        | 39        |
| VOICE button .....               | 16, 27    |
| WAITING button .....             | 32        |
| DC IN 12V jack .....             | 8         |
| MIDI IN/OUT terminals .....      | 54        |
| PHONES/OUTPUT jack .....         | 9         |
| SUSTAIN jack .....               | 9         |

## Alphabetical Order

|                                 |               |
|---------------------------------|---------------|
| <b>A</b>                        |               |
| AB Repeat .....                 | 35            |
| AC Power Adaptor .....          | 8             |
| ACMP ON/OFF .....               | 24            |
| Auto Accompaniment .....        | 23–24         |
| Auto accompaniment range .....  | 24–25         |
| <b>B</b>                        |               |
| Battery .....                   | 8             |
| Beat Display .....              | 28            |
| <b>C</b>                        |               |
| Chord .....                     | 25, 48–49, 51 |
| Chord Dictionary .....          | 50            |
| Chord Display .....             | 28, 49        |
| Computer .....                  | 55–56         |
| <b>D</b>                        |               |
| Demo .....                      | 13            |
| Demo Cancel .....               | 53            |
| Display .....                   | 28            |
| Drum Kit .....                  | 18            |
| Drum Kit List .....             | 63            |
| <b>E</b>                        |               |
| Ending .....                    | 44, 46        |
| External Clock .....            | 53, 56        |
| <b>F</b>                        |               |
| FF .....                        | 14            |
| Fingering Guide .....           | 28–29         |
| Footswitch (Sustain jack) ..... | 9             |
| Function Setting List .....     | 53            |
| Function Settings .....         | 52            |
| <b>G</b>                        |               |
| Grade .....                     | 32            |
| <b>I</b>                        |               |
| Initial Send .....              | 53            |
| Intro .....                     | 43, 46        |
| <b>L</b>                        |               |
| Left Display .....              | 28            |
| Lesson .....                    | 31–32         |
| Light Guide .....               | 29            |
| Local .....                     | 53, 56        |

**M**

|                                |       |
|--------------------------------|-------|
| Main Octave .....              | 53    |
| Main Volume .....              | 53    |
| Main/Auto fill .....           | 45–46 |
| MASTER VOLUME indication ..... | 28    |
| Measure .....                  | 28    |
| Melody Voice .....             | 33    |
| Metronome .....                | 20–21 |
| Metronome Volume .....         | 22    |
| MIDI .....                     | 54    |
| Music Rest .....               | 6     |
| Mute .....                     | 34    |

**N**

|                |    |
|----------------|----|
| Notation ..... | 28 |
|----------------|----|

**O**

|                         |    |
|-------------------------|----|
| Octave (Main) .....     | 53 |
| One Touch Setting ..... | 38 |
| Option .....            | 71 |

**P**

|                                  |    |
|----------------------------------|----|
| Panel Sustain .....              | 42 |
| Part .....                       | 30 |
| PAUSE .....                      | 14 |
| Press and Hold for a while ..... | 26 |

**R**

|                        |        |
|------------------------|--------|
| Reverb .....           | 41     |
| Reverb Level .....     | 53     |
| Reverb on/off .....    | 53     |
| Reverb Type .....      | 53     |
| Reverb Type List ..... | 67     |
| REW .....              | 14     |
| Rhythm .....           | 23     |
| Right Display .....    | 28     |
| Root .....             | 48, 50 |

**S**

|                            |              |
|----------------------------|--------------|
| Song .....                 | 12           |
| Song List .....            | 15           |
| Song Volume .....          | 33           |
| Split Point .....          | 36           |
| Start .....                | 26           |
| Stop .....                 | 26           |
| Style .....                | 23–24, 43–46 |
| Style List .....           | 66           |
| Style Volume .....         | 47           |
| Supplied Accessories ..... | 6, 71        |
| Synchro Start .....        | 24, 43       |

**T**

|   |    |
|---|----|
| Tempo .....                             | 38 |
| Time Signature Denominator .....        | 21 |
| Time Signature Numerator .....          | 21 |
| Touch Display .....                     | 28 |
| Touch Response .....                    | 39 |
| Track .....                             | 34 |
| Transfer .....                          | 55 |
| Transpose .....                         | 37 |
| Tuning .....                            | 37 |
| Turn Auto accompaniment on or off ..... | 24 |

**V**

|                  |       |
|------------------|-------|
| Voice .....      | 16–19 |
| Voice List ..... | 58    |

**X**

|              |   |
|--------------|---|
| XGlite ..... | 6 |
|--------------|---|

# Limited Warranty

**90 DAYS LABOR**

**1 YEAR PARTS**

Yamaha Corporation of America, hereafter referred to as Yamaha, warrants to the original consumer of a product included in the categories listed below, that the product will be free of defects in materials and/or workmanship for the periods indicated. This warranty is applicable to all models included in the following series of products:

## **EZ SERIES OF PORTATONE ELECTRONIC KEYBOARDS**

If during the first 90 days that immediately follows the purchase date, your new Yamaha product covered by this warranty is found to have a defect in material and/or workmanship, Yamaha and/or its authorized representative will repair such defect without charge for parts or labor.

If parts should be required after this 90 day period but within the one year period that immediately follows the purchase date, Yamaha will, subject to the terms of this warranty, supply these parts without charge. However, charges for labor, and/or any miscellaneous expenses incurred are the consumers responsibility. Yamaha reserves the right to utilize reconditioned parts in repairing these products and/or to use reconditioned units as warranty replacements.

**THIS WARRANTY IS THE ONLY EXPRESS WARRANTY WHICH YAMAHA MAKES IN CONNECTION WITH THESE PRODUCTS. ANY IMPLIED WARRANTY APPLICABLE TO THE PRODUCT, INCLUDING THE WARRANTY OF MERCHANT ABILITY IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY. YAMAHA EXCLUDES AND SHALL NOT BE LIABLE IN ANY EVENT FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

Some states do not allow limitations that relate to implied warranties and/or the exclusion of incidental or consequential damages. Therefore, these limitations and exclusions may not apply to you.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

## **CONSUMERS RESPONSIBILITIES**

If warranty service should be required, it is necessary that the consumer assume certain responsibilities:

1. Contact the Customer Service Department of the retailer selling the product, or any retail outlet authorized by Yamaha to sell the product for assistance. You may also contact Yamaha directly at the address provided below.
2. Deliver the unit to be serviced under warranty to: the retailer selling the product, an authorized service center, or to Yamaha with an explanation of the problem. Please be prepared to provide proof purchase date (sales receipt, credit card copy, etc.) when requesting service and/or parts under warranty.
3. Shipping and/or insurance costs are the consumers responsibility.\* Units shipped for service should be packed securely.

\*Repaired units will be returned PREPAID if warranty service is required within the first 90 days.

**IMPORTANT:** Do NOT ship anything to ANY location without prior authorization. A Return Authorization (RA) will be issued that has a tracking number assigned that will expedite the servicing of your unit and provide a tracking system if needed.

4. Your owners manual contains important safety and operating instructions. It is your responsibility to be aware of the contents of this manual and to follow all safety precautions.

## **EXCLUSIONS**

This warranty does not apply to units whose trade name, trademark, and/or ID numbers have been altered, defaced, exchanged removed, or to failures and/or damages that may occur as a result of:

1. Neglect, abuse, abnormal strain, modification or exposure to extremes in temperature or humidity.
2. Improper repair or maintenance by any person who is not a service representative of a retail outlet authorized by Yamaha to sell the product, an authorized service center, or an authorized service representative of Yamaha.
3. This warranty is applicable only to units sold by retailers authorized by Yamaha to sell these products in the U.S.A., the District of Columbia, and Puerto Rico. This warranty is not applicable in other possessions or territories of the U.S.A. or in any other country.

Please record the model and serial number of the product you have purchased in the spaces provided below.

Model \_\_\_\_\_ Serial # \_\_\_\_\_ Sales Slip # \_\_\_\_\_

Purchased from \_\_\_\_\_ Date \_\_\_\_\_  
(Retailer)

**YAMAHA CORPORATION OF AMERICA**  
Electronic Service Division  
6600 Orangethorpe Avenue  
Buena Park, CA 90620

**KEEP THIS DOCUMENT FOR YOUR RECORDS. DO NOT MAIL!**



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

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

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

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

## NORTH AMERICA

### CANADA

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

### U.S.A.

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

## CENTRAL & SOUTH AMERICA

### MEXICO

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

### BRAZIL

**Yamaha Musical do Brasil Ltda.**  
Rua Joaquim Floriano, 913 - 4º andar, Itaim Bibi,  
CEP 04534-013 Sao Paulo, SP. BRAZIL  
Tel: 011-3704-1377

### ARGENTINA

**Yamaha Music Latin America, S.A.**  
**Sucursal de Argentina**  
Viamonte 1145 Piso2-B 1053,  
Buenos Aires, Argentina  
Tel: 1-4371-7021

### PANAMA AND OTHER LATIN AMERICAN COUNTRIES/ CARIBBEAN COUNTRIES

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

## EUROPE

### THE UNITED KINGDOM

**Yamaha-Kemble Music (U.K.) Ltd.**  
Sherbourne Drive, Tilbrook, Milton Keynes,  
MK7 8BL, England  
Tel: 01908-366700

### IRELAND

**Danfay Ltd.**  
61D, Sallynoggin Road, Dun Laoghaire, Co. Dublin  
Tel: 01-2859177

### GERMANY

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

### SWITZERLAND/LIECHTENSTEIN

**Yamaha Music Central Europe GmbH,**  
**Branch Switzerland**  
Seefeldstrasse 94, 8008 Zürich, Switzerland  
Tel: 01-383 3990

### AUSTRIA

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

### CZECH REPUBLIC/SLOVAKIA/ HUNGARY/SLOVENIA

**Yamaha Music Central Europe GmbH,**  
**Branch Austria, CEE Department**  
Schleiergasse 20, A-1100 Wien, Austria  
Tel: 01-602039025

### POLAND

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

### THE NETHERLANDS/ BELGIUM/LUXEMBOURG

**Yamaha Music Central Europe GmbH,**  
**Branch Benelux**  
Clarissenhof 5-b, 4133 AB Vianen, The Netherlands  
Tel: 0347-358 040

### FRANCE

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

### ITALY

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

### SPAIN/PORTUGAL

**Yamaha-Hazen Música, S.A.**  
Ctra. de la Corona km. 17, 200, 28230  
Las Rozas (Madrid), Spain  
Tel: 91-639-8888

### GREECE

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

### SWEDEN

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

### DENMARK

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

### FINLAND

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

### NORWAY

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

### ICELAND

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

### OTHER EUROPEAN COUNTRIES

**Yamaha Music Central Europe GmbH**  
Siemensstraße 22-34, 25462 Rellingen, Germany  
Tel: +49-4101-3030

## AFRICA

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

## MIDDLE EAST

### TURKEY/CYPRUS

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

### OTHER COUNTRIES

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

## ASIA

### THE PEOPLE'S REPUBLIC OF CHINA

**Yamaha Music & Electronics (China) Co.,Ltd.**  
25/F., United Plaza, 1468 Nanjing Road (West),  
Jingan, Shanghai, China  
Tel: 021-6247-2211

### HONG KONG

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

### INDONESIA

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

### KOREA

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

### MALAYSIA

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

### PHILIPPINES

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

### SINGAPORE

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

### TAIWAN

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

### THAILAND

**Siam Music Yamaha Co., Ltd.**  
891/1 Siam Motors Building, 15-16 floor  
Rama 1 road, Wangmai, Pathumwan  
Bangkok 10330, Thailand  
Tel: 02-215-2626

### OTHER ASIAN COUNTRIES

**Yamaha Corporation,**  
**Asia-Pacific Music Marketing Group**  
Nakazawa-cho 10-1, Hamamatsu, Japan 430-8650  
Tel: +81-53-460-2317

## OCEANIA

### AUSTRALIA

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

### NEW ZEALAND

**Music Houses of N.Z. Ltd.**  
146/148 Captain Springs Road, Te Papapa,  
Auckland, New Zealand  
Tel: 9-634-0099

### COUNTRIES AND TRUST TERRITORIES IN PACIFIC OCEAN

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



Yamaha Home Keyboards Home Page (English Only)  
<http://music.yamaha.com/homekeyboard>

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

U.R.G., Pro Audio & Digital Musical Instrument Division, Yamaha Corporation  
© 2007 Yamaha Corporation

WH74060 XXXPOXXX.X-01A0  
Printed in China