



PORTATONE

PSR-*E203*

YPT-200

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)

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)

OBSERVERA!

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

ADVARSEL: Netsspændingen 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 käyttökytin ei irroita koko laitetta verkosta.

(standby)

Entsorgung leerer Batterien (nur innerhalb Deutschlands)

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

(battery)

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-3B, PA-3C 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.
- 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. Also, before turning the power on or off, be sure to set the volume of each component (where applicable) to minimum and gradually raise the volume while playing the instrument until the desired listening level is reached.

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 operate the instrument for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

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

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

When using a power adaptor, even when the power is off, 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.
- Unless otherwise indicated, the example panel control illustrations, Keyboard illustrations and LCD screenshots are taken from the PSR-E203.

● 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.

● Trademarks

- All other trademarks are the property of their respective holders.

*Congratulations and thank you for purchasing
the Yamaha PSR-E203/YPT-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.*

Panel logos



GM System Level 1

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



Stereo Sampled Piano

The instrument has a special Portable Grand Piano Voice—created by state-of-the-art stereo sampling technology and using Yamaha's sophisticated AWM (Advanced Wave memory) tone generation system.



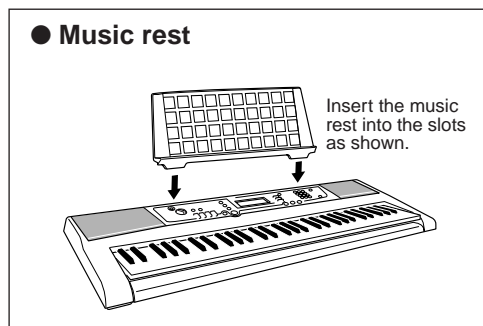
Yamaha Education Suite 5

The instrument 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!

Supplied Accessories

The PSR-E203/YPT-200 package includes the following items. Please check that you have them all.

- Music rest
- Owner's manual (this book)



Contents

Panel logos	6
Supplied Accessories	6
Setting Up	8
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
Panel Controls and Terminals	10
Front Panel	10
Rear Panel	10

— Quick Guide —

Step 1	
Changing the Voices	12
Turn the power on and adjust the volume	12
Try playing a variety of instrument Voices	13
Playing the Grand Piano Voice	14
Drum kits	14
Step 2	
Fun Sounds	16
Step 3	
Play With The Metronome	17
Start the metronome	17
Step 4	
Playing Songs	19
Select and Listen to a Specific Song	19
Step 5	
Play with a Style	21
Selecting a rhythm of a Style	21
Playing with a Style	22

Basic Operation and Displays	24
Basic Operation	24
Display	26
Song Lesson	27
Lesson 1 (Listen & Learn)	27
Lesson 2 (Timing)	29
Lesson 3 (Waiting)	30
Song settings	31
Changing the Melody Voice	31
Song Volume	31
Mute	32
Practice Makes Perfect	33
Play With a Variety of Effects	34
Adding Reverb	34
Adding Panel Sustain	35

Handy Performance Features	36
Setting the Split Point	36
Transpose	36
Tuning	37
One Touch Setting	37
Changing the tempo of the Song/Style	38
Adjusting the Main Voice Parameters	38
Style (Auto Accompaniment) Functions	39
Various ways to start and stop Style playback	39
Pattern Variation (Sections)	41
Adjusting the Style Volume	43
Playing Auto Accompaniment Chords	44
Easy Chords	44
Standard Chords	44
Looking up Chords Using the Chord Dictionary	46
Function Settings	48
Select the item and change the value	48
About MIDI	50
What is MIDI?	50
What You Can Do With MIDI	50
Transferring Performance Data To and From Another Instrument	51
Voice List	53
Maximum Polyphony	53
Drum Kit List	55
Style List	56
Effect Type List	57
MIDI Implementation Chart	58
MIDI Data Format	60
Effect map	60
Troubleshooting	61
Specifications	62
Index	63

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**

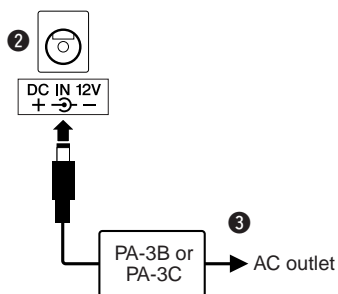
- Use **ONLY** a Yamaha PA-3B or PA-3C AC Power Adaptor (or other adaptor specifically recommended by Yamaha) to power your instrument from the AC mains. The use of other adaptors may result in irreparable damage to both the adaptor and the instrument.

- 2 Connect the AC adaptor (PA-3B, PA-3C or other adaptor specifically recommended by Yamaha) 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.

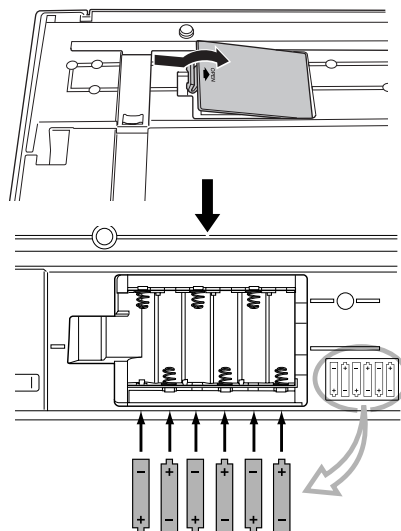


■ Using Batteries

- 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.



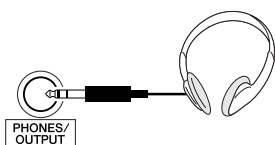
For battery operation the instrument requires six 1.5V "AA" size, LR6 or equivalent batteries. (Alkaline batteries are recommended.) When battery power becomes too low for proper operation, the volume may be reduced, the sound may be distorted, and other problems may occur. When this happens, make sure 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 PSR-E203/YPT-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.

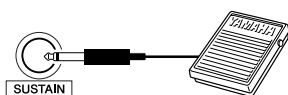
WARNING

- 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)

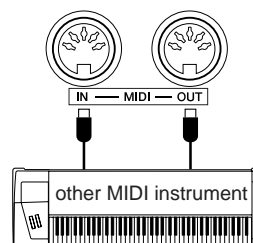


The sustain function lets you produce a natural sustain as you play by pressing an optional footswitch. Plug the Yamaha FC4 or FC5 footswitch into this jack and use it to switch sustain on and off.

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



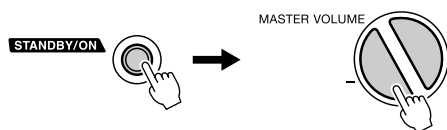
The instrument also features MIDI terminals, allowing you to interface the instrument with other MIDI instruments or computers. (For more information, see page 50.)

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, 24
- ② MASTER VOLUME
 - [+] button pages 9, 24
 - [-] button pages 9, 24
- ③ LESSON PART
 - [L] button page 28
 - [R] button page 28
- ④ [LISTEN & LEARN] button page 28
- ⑤ [TIMING] button page 29
- ⑥ [WAITING] button page 30
- ⑦ [FUNCTION] button pages 48, 25
- ⑧ [SONG] button pages 19, 25
- ⑨ [STYLE] button pages 21, 25
- ⑩ [VOICE] button pages 13, 25
- ⑪ Number buttons [0]-[9], [+], [-] page 25
- ⑫ [DEMO] button page 20
- ⑬ [METRONOME ON/OFF] button page 17

When the Song mode

- ⑭ [A-B REPEAT] button page 33
- ⑮ [REW] button page 20
- ⑯ [FF] button page 20
- ⑰ [PAUSE] button page 20

When the Style mode

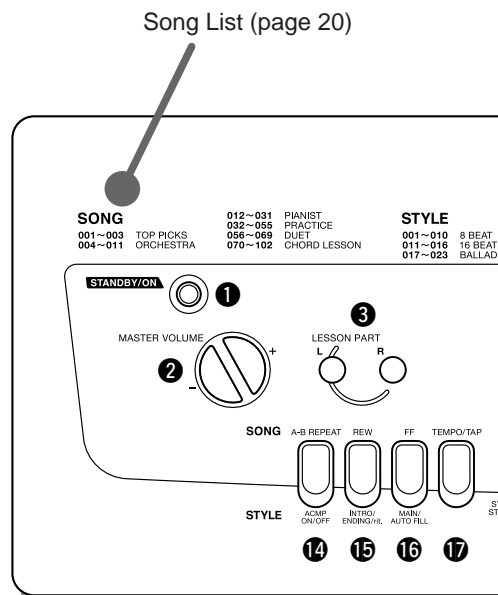
- ⑭ [ACMP ON/OFF] button page 22
- ⑮ [INTRO/ENDING/rit.] button page 41
- ⑯ [MAIN/AUTO FILL] button page 41
- ⑰ [SYNC START] button page 22

- ⑰ [TEMPO/TAP] button page 38
- ⑲ [START/STOP] button page 24
- ⑳ [PORTABLE GRAND] button page 14
- ㉑ [SOUND EFFECT KIT] button page 16
- ㉒ [REVERB ON/OFF] button page 34

■ Rear Panel

- ㉓ MIDI IN/OUT terminals page 50
- ㉔ SUSTAIN jack page 9
- ㉕ PHONES/OUTPUT jack page 9
- ㉖ DC IN 12V jack page 8

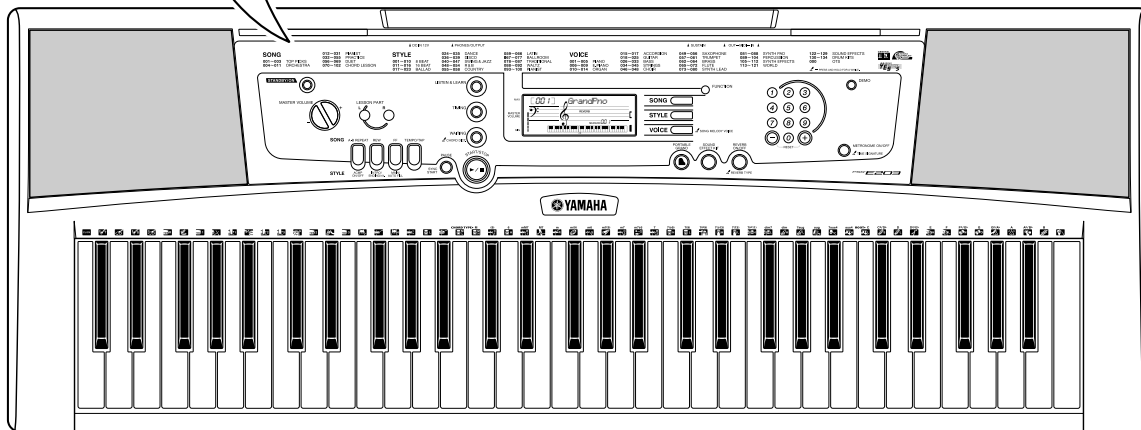
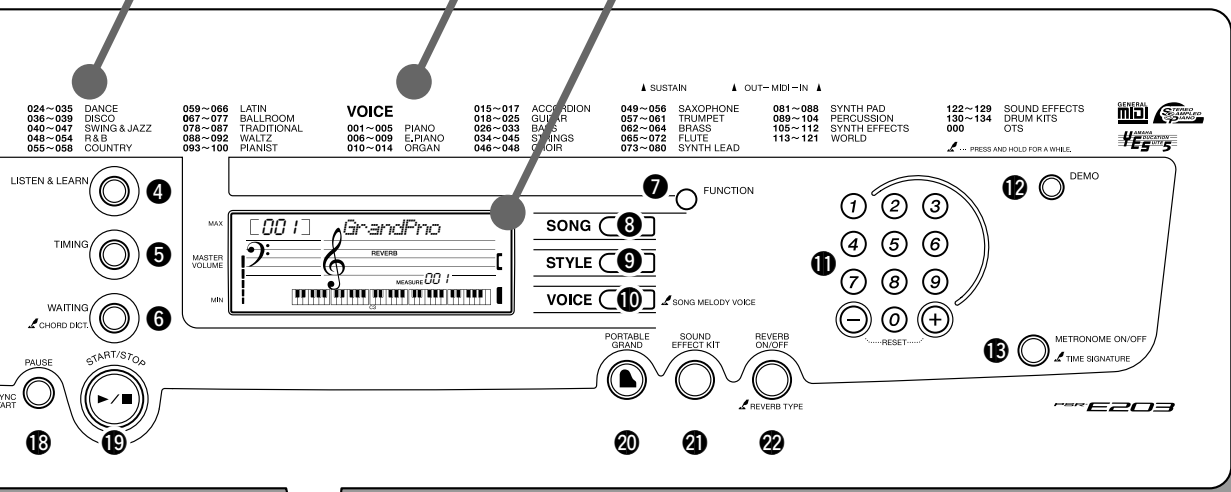
■ Front Panel



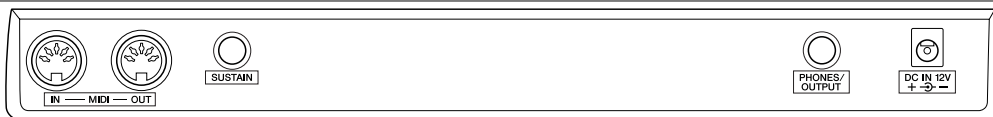
Style List (page 56)

Voice List (page 53)

Display (page 26)



■ Rear Panel



23

24

25

26

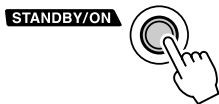


— Quick Guide —

Changing the Voices

Turn the power on and adjust the volume

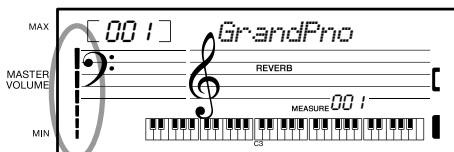
Turning the power on



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

Adjusting the volume

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

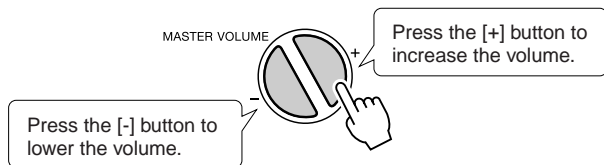


The volume increases as indicated by the bars in the display.

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.



• The value of master volume cannot be saved.



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

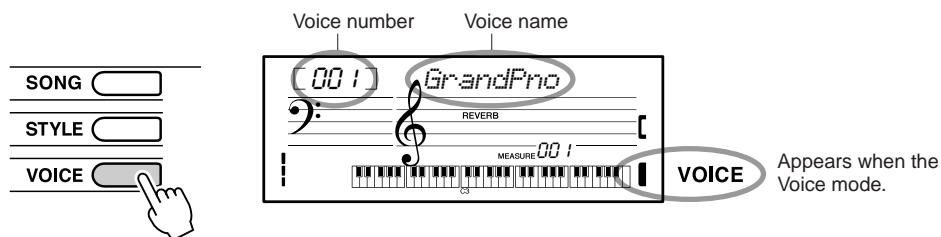
If you are using the instrument in a quiet place and want a lower volume setting to start with, simultaneously hold down the MASTER VOLUME [-] button and turn on the power with the [STANDBY/ON] switch. This automatically sets the value to 4 (indicated by two bars).

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.

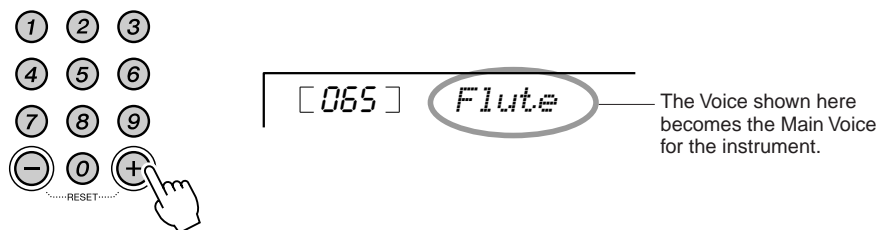
The Voice number and name are displayed.



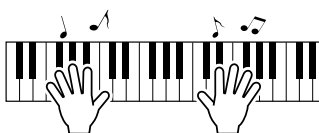
2 Select a Voice.

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

Refer to the Voice List on page 53.



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.

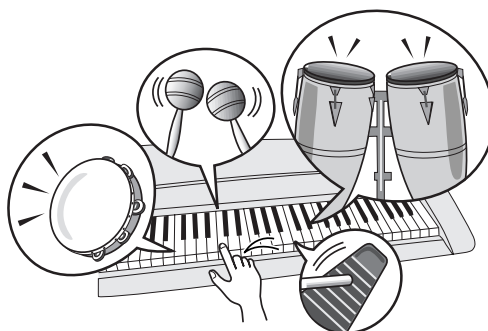
The Voice “Grand Piano1 001” will automatically be selected as the Main Voice.



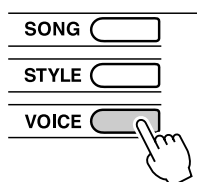
Drum kits

Drum kits are collections of drum and percussion instruments.

When drum kits (Voice number 130-134) are selected, you can play different percussion sounds directly from the keyboard.

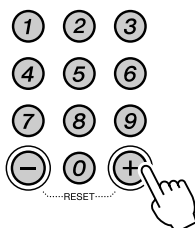


1 Press the [VOICE] button.

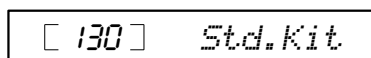


2 Select the desired Drum kit.

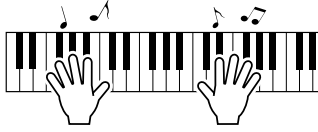
Select one of the Voice numbers from 130-134 by using the number buttons [0]-[9], [+], [-].



Example: 130 Standard Kit



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 55.

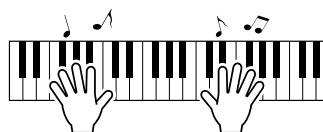
● Drum Kit List

130	Standard Kit
131	Dance Kit
132	Brush Kit
133	Symphony Kit
134	Sound Effect Kit

Fun Sounds

This instrument also includes a wide range of unique sound effects. Try out each key and enjoy the sounds! As you try out the various keys you'll hear the sound of a dog barking, running water, a creaking door and many other unique effects.

Press the [SOUND EFFECT KIT] button.



Try out each key and enjoy the sounds. Don't forget the black keys!

You'll be able to play various sound effects from the keyboard: barking, braying, yelling, and much more.

After trying out these sounds, press the [PORTABLE GRAND] button to reset the instrument Voice to the default setting of Voice "001 Grand Piano1."

Play With The Metronome

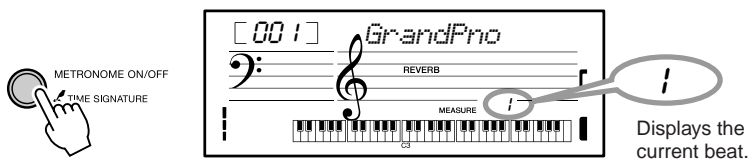
Start the metronome

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

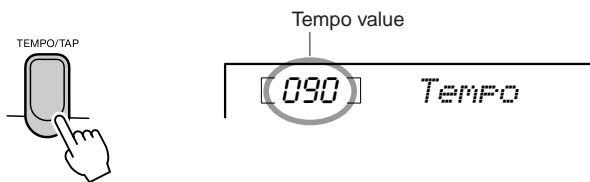
Turn the metronome on and start it by pressing the [METRONOME ON/OFF] button.

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

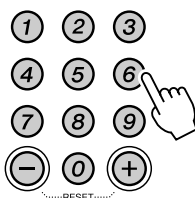


Setting the metronome tempo

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 32-280.

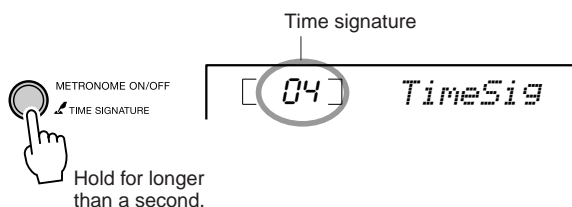


Setting the Metronome Time Signature

A chime will sound on the first beat of each measure, while a metronome click will sound on all others. You can also set the time signature to “00,” in which case the chime will not sound and the click sound will be heard on all beats.

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

The time signature appears in the display.



2 Set the time signature by using the number buttons [0]-[9], [+], [-].

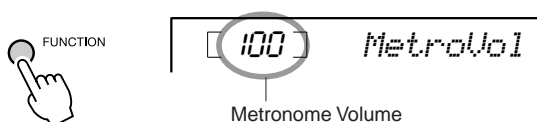
The metronome can be set for time signatures of 0 to 15 beats.



- The time signature cannot be changed for Songs and Styles, because each has a fixed time signature.

Setting the Metronome Volume

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



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



— Quick Guide —

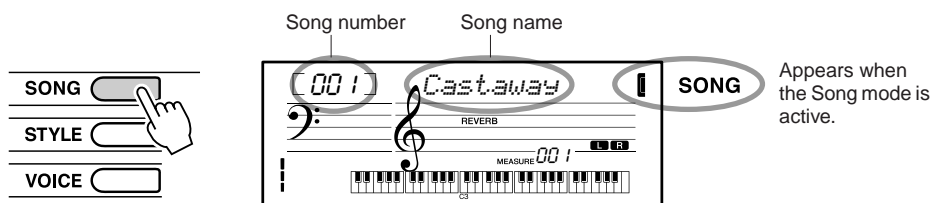
Playing Songs

Select and Listen to a Specific Song

This instrument has 102 built-in Songs.
Listening to a Song

1 Press the [SONG] button.

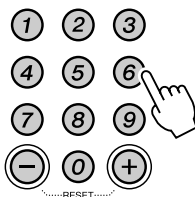
The Song number and name are displayed.



Appears when the Song mode is active.

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

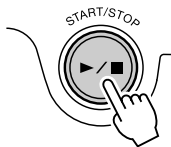
Refer to the Song List on next page.



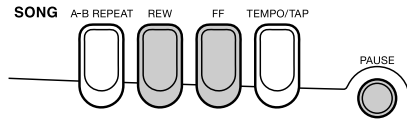
3 Press the [START/STOP] button.

The Song will begin playing.

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



● Other Operations



[REW] button Fast-reverses the Song if pressed during playback (no sound is heard during fast reverse). Decreases the measure number if pressed while playback is stopped.

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

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

● Using the [DEMO] button

Press the [DEMO] button to play Songs 001, 002, 003, 059, 072, 004, 024, 043 in sequence, and playback will continue repeatedly starting again from the first Song 001.

You can stop playback at any time by pressing the [DEMO] button.



● Song List

No.	Song Name	No.	Song Name	No.	Song Name
TOP PICKS					
001	Castaway	034	Ring de Banjo (S.C. Foster)	068	O du lieber Augustin (Traditional)
002	Winter Serenade	035	Wenn ich ein Vöglein Wär ? (Traditional)	069	London Bridge (Traditional)
003*	CLUBWORK	036	Die Lorelei (F. Silcher)	CHORD LESSON	
ORCHESTRA					
004	Danse des Mirlitons from "The Nutcracker" (P.I. Tchaikovsky)	037	Funiculi Funicula (L. Denza)	070	Bill Bailey (Won't You Please Come Home) (H. Cannon)
005	"Orphée aux Enfers" Overture (J. Offenbach)	038	Turkey in the Straw (Traditional)	071	When Irish Eyes Are Smiling (E.R. Ball)
006	Slavonic Dances No.10 (A. Dvořák)	039	Old Folks at Home (S.C. Foster)	072	Down by the Riverside (Traditional)
007	La Primavera (from Le Quattro Stagioni) (A. Vivaldi)	040	Jingle Bells (J.S. Pierpont)	073	When the Saints Go Marching In (Traditional)
008	Méditation (Thaïs) (J. Massenet)	041	Muss i denn (F. Silcher)	074	Frühlingsstimmen (J. Strauss II)
009	Guillaume Tell (G. Rossini)	042	Liebesträume Nr.3 (F. Liszt)	075	Camptown Races (S.C. Foster)
010	Frühlingslied (F. Mendelssohn)	043	Jesu, Joy Of Man's Desiring (J.S. Bach)	076	Little Brown Jug (Joseph Winner)
011	Ungarische Tänze Nr.5 (J. Brahms)	044	Ode to Joy (L.v. Beethoven)	077	Loch Lomond (Traditional)
PIANIST					
012	Dolly's Dreaming and Awakening (T. Oesten)	045	Song of the Pearl Fisher (G. Bizet)	078	Oh! Susanna (S.C. Foster)
013	La Candeur (J.F. Burgmüller)	046	Gavotte (F.J. Gossec)	079	Greensleeves (Traditional)
014	Arabesque (J.F. Burgmüller)	047	String Quartet No.17 2nd mov. "Serenade" (F.J. Haydn)	080	Aura Lee (G. Poulton)
015	Pastorale (J.F. Burgmüller)	048	Menuett (J.S. Bach)	081	Silent Night (F. Gruber)
016	Petite Réunion (J.F. Burgmüller)	049	Canon (J. Pachelbel)	082	The Danube Waves (I. Ivanovici)
017	Innocence (J.F. Burgmüller)	050	From "The Magic Flute" (W.A. Mozart)	083	Twinkle Twinkle Little Star (Traditional)
018	Progrés (J.F. Burgmüller)	051	Piano Sonata op.27-2 "Mondschein" (L.v. Beethoven)	084	Close Your Hands, Open Your Hands (J.J. Rousseau)
019	Tarentelle (J.F. Burgmüller)	052	"The Surprise" Symphony (F.J. Haydn)	085	The Cuckoo (Traditional)
020	La Chevaleresque (J.F. Burgmüller)	053	To a Wild Rose (E.A. MacDowell)	086	O du lieber Augustin (Traditional)
021	Étude op.10-3 "Chanson de l'adieu" (F. Chopin)	054	Chanson du Toreador (G. Bizet)	087	London Bridge (Traditional)
022	Marcia alla Turca (L.v. Beethoven)	055	O Mio Babbino Caro (G. Puccini)	088	American Patrol (F.W. Meacham)
023	Turkish March (W.A. Mozart)	DUET			
024	Valse op.64-1 "Petit Chien" (F. Chopin)	056	Row Row Row Your Boat (Traditional)	089	Beautiful Dreamer (S.C. Foster)
025	Menuett (L. Boccherini)	057	On Top of Old Smoky (Traditional)	090	Battle Hymn of the Republic (Traditional)
026	Nocturne op.9-2 (F. Chopin)	058	We Wish You A Merry Christmas (Traditional)	091	Home Sweet Home (H. Bishop)
027	Moments Musicaux op.94-3 (F. Schubert)	059	Scarborough Fair (Traditional)	092	Valse Des Fleurs (From "The Nutcracker") (P.I. Tchaikovsky)
028	The Entertainer (S. Joplin)	060	Im Mai (Traditional)	093	Aloha Oe (Traditional)
029	Prelude (Wohltemperierte Klavier 1-1) (J.S. Bach)	061	O Christmas Tree (Traditional)	094	I've Been Working On The Railroad (Traditional)
030	La Violette (Streabog)	062	Mary Had a Little Lamb (Traditional)	095	My Darling Clementine (Traditional)
031	Für Elise (L.v. Beethoven)	063	Ten Little Indians (Septimus Winner)	096	Auld Lang Syne (Traditional)
PRACTICE					
032	America the Beautiful (S.A. Ward)	064	Pop Goes The Weasel (Traditional)	097	Grandfather's Clock (H.C. Work)
033	Londonderry Air (Traditional)	065	Twinkle Twinkle Little Star (Traditional)	098	Amazing Grace (Traditional)
		066	Close Your Hands, Open Your Hands (J.J. Rousseau)	099	My Bonnie (H.J. Fulmer)
		067	The Cuckoo (Traditional)	100	Yankee Doodle (Traditional)
				101	Joy to the World (G.F. Händel)
				102	Ave Maria (F. Schubert)

* The Song 003 do not have a left part. Therefore, the lesson is applicable only for the right hand.

Some of the 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.



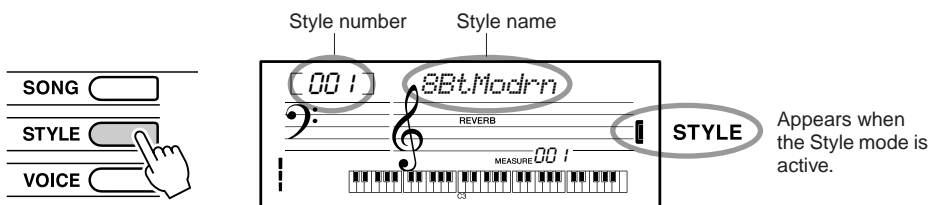
Play with a Style

Selecting a rhythm of a Style

The Style feature provides backing and rhythm parts in a wide variety of musical categories, including rock, blues, techno 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.

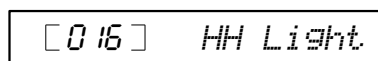
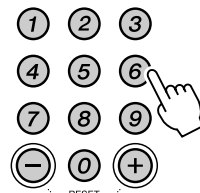
The Style number and name are displayed.



2 Select a Style.

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

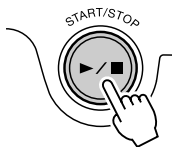
Refer to the Style List on page 56.



3 Press the [START/STOP] button.

The Style rhythm will start.

You can stop playback 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 22-23. (The bass and chord accompaniment parts will sound.)

Playing with a Style

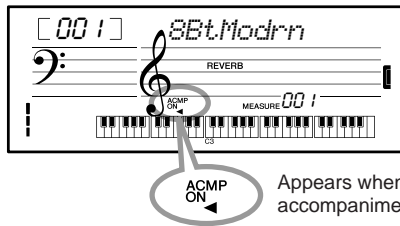
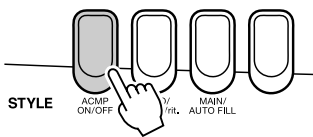
On the previous page, you've learned how to select your favorite rhythm of a Style. Here, you'll learn how to expand on that rhythm with bass and chord backing, and use all of it as your accompaniment as you play.

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

2 Turn auto accompaniment on.

Press the [ACMP ON/OFF] button.

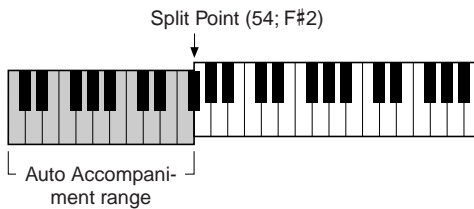
Press the [ACMP ON/OFF] button again to turn the auto accompaniment off.



● **When auto accompaniment is on ...**

The keys to the left of the Split Point (54; F#2) will play only chords.

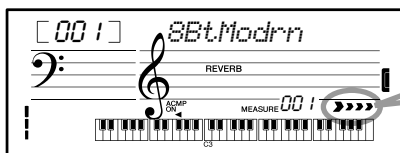
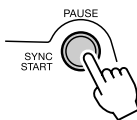
This is known as the "Auto Accompaniment range."



- 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.



Flashes when Sync Start is on.

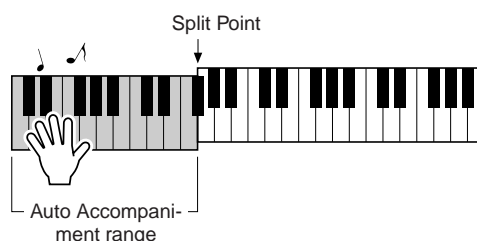
When the Sync Start standby mode is engaged, Style playback will begin as soon as you play a chord in the accompaniment range of the keyboard. You can turn off Sync Start standby mode by pressing the [SYNC START] button.

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

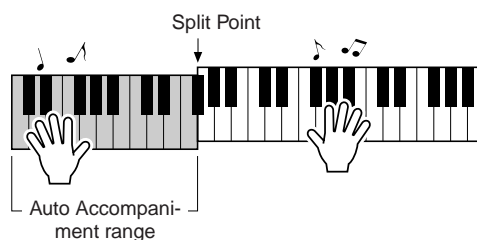
Not sure how to play chords? No problem! This instrument is capable of playing chords even if you only play one key.

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.

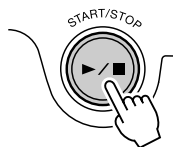
Refer to page 44 for detailed instructions for playing chords.



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

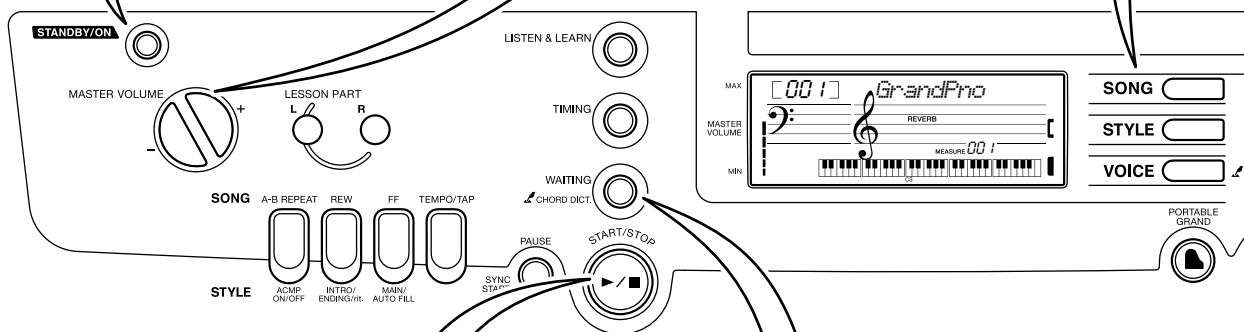
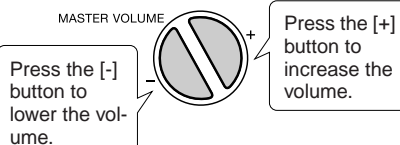
Turning the power on

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



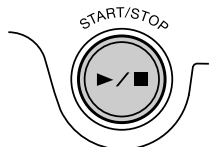
Adjusting the volume

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



About the [START/STOP] button

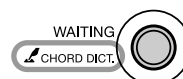
Press the [START/STOP] button after pressing the [SONG] or [STYLE] button to start playback of the selected Song or Style (rhythm).



The "Press & Hold" Symbol



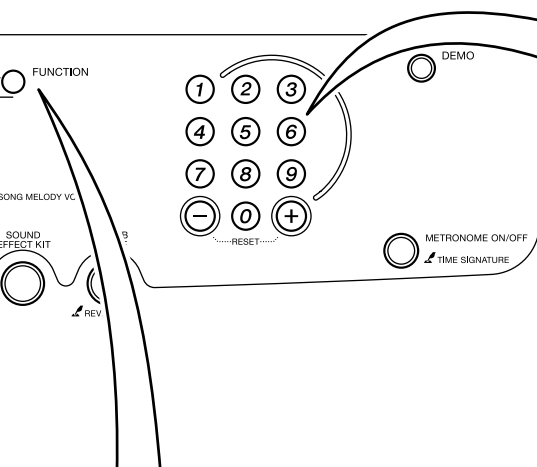
The "Press & Hold" symbol that appears next to some buttons indicates that the button can be pressed and held for longer than a second to call up a related or different function.



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. From this display, you can select the desired Song, Style or Voice.

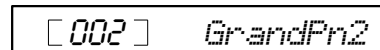


Set the number or value

● **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].

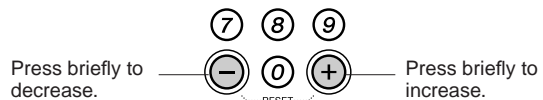
Function Settings (page 48)

The [FUNCTION] button contains 16 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 in the display.



● **[+], [-] 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. It also includes a range of indicators that show the on/off status for various functions.

Notation

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



- 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.

Song track display

Information related to the Song tracks is shown here. (See page 32.)



- Lit:** Track contains data
- Unlit:** Track is muted or contains no data

Measure

Indicates the current measure during playback of a Song.

MEASURE 003

Beat Display

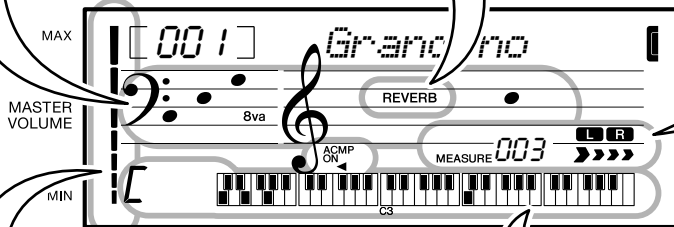
Indicates the beat of the current Style or Song with flashing arrows.



REVERB

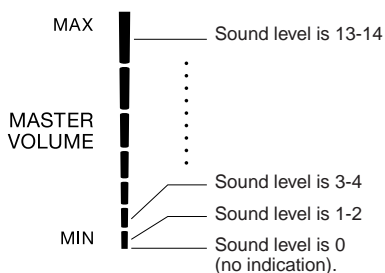
Appears when Reverb is on (page 34).

REVERB



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.



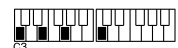
ACMP ON

Appears when the auto accompaniment is on.



Keyboard Display

Indicates notes currently being played.



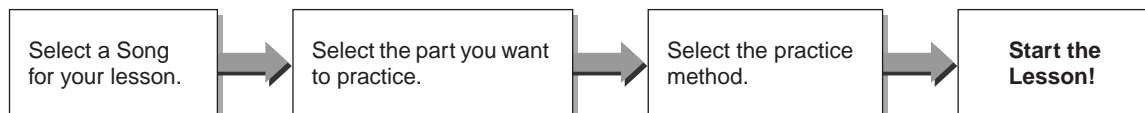
Indicates the melody and chord notes of a Song when the Song lesson function is in use. Also indicates the notes of a chord—either when playing a chord or when using the Dictionary function.

Song 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 lets you learn how to play Songs in three easy steps.

■ Lesson Flow



■ 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.

Lesson 1 (Listen & Learn)

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

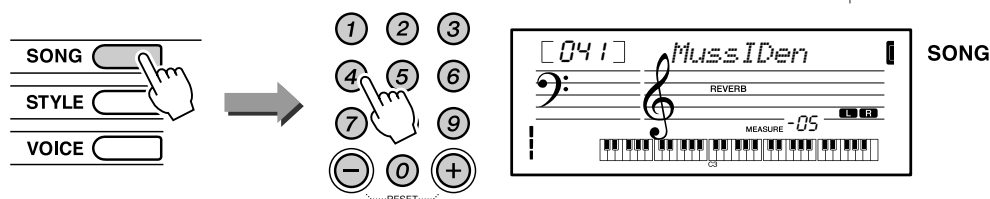
The model melody/chords (in other words, the musical material you should learn) of the part you selected will sound. Listen to it carefully and learn it well.

1 Select the desired Song for your lesson.

Press the [SONG] button, and then select a Song (referring to the Song list on page 20) by using the number buttons [0]-[9], [+], and [-].



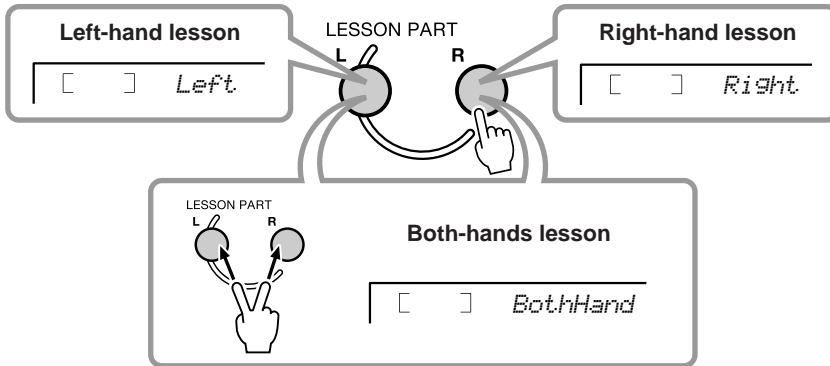
- You cannot select the part during Song playback before Lesson 1 starts. If a Song is currently being played back, stop the Song first, then continue from Step 2.



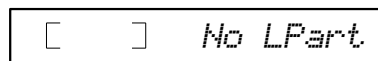
The instrument includes 102 built in Songs. Only one song (song number 003) is intended for use as right-hand lessons, and cannot be used for left-hand or both-hands lessons.

2 Select the part you want to practice.

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

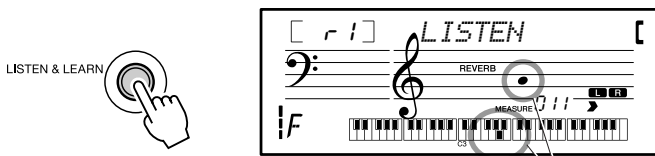


A “No LPart” message is shown in the display if you select the left part in Song 003, which does not have left part data. Song 003 cannot be used for left-hand or both-hands lessons.



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 and key positions of the model melody are shown in the display.

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 mode.

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

Lesson 2 (Timing)

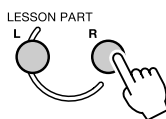
In this lesson, try playing the notes with the correct timing. Simply concentrate on playing each note in time with the rhythmic accompaniment. The correct notes sound even if you play wrong notes as long as you play in time with the rhythm.



- The Split Point is fixed and it cannot be changed. For the left-hand lesson, it is fixed at 59 or B2; for the left-hand chord lesson, it is fixed at 54 or F#2.

1 Select a Song for your lesson.

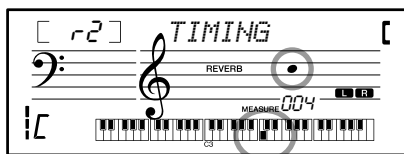
2 Select the part you want to practice.



- 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.



- Even after Lesson 2 has started and the Song is playing, you can still select the part.
- Regardless of how strongly you play the keys, the level of the sound does not change. As a result, your performance may not sound exactly like the model or example, depending on the selected song.

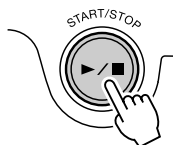
Play the notes shown in the display.

In Lesson 2, simply play each note in time with the music.

Songs 070-102 are intended specifically for chord playing lessons. When practicing the left parts of these Songs, play the notes in the Auto Accompaniment range.

4 Stop the Lesson mode.

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



Grade

When the lesson Song has played all the way through in Lesson mode 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)

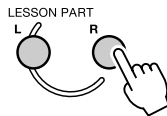
In this mode, try playing the correct notes. The notes you should play appear in the score and the keyboard on the display. The Song pauses until you play the right note.

1 Select a Song for your lesson.



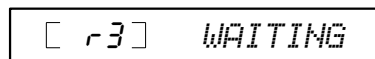
- You cannot select the part during Song playback before Lesson 3 starts. If a Song is currently being played back, stop the Song first, then continue from Step 2.

2 Select the part you want to practice.



3 Start Lesson 3.

Press the [WAITING] button to start Lesson 3.

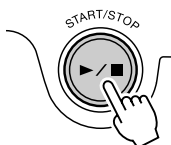


- Even after Lesson 3 has started and the Song is playing, you can still select the part.
- Regardless of how strongly you play the keys, the level of the sound does not change. As a result, your performance may not sound exactly like the model or example, depending on the selected song.

Play the notes shown in the display.
Try playing the correct notes.

4 Stop the Lesson mode.

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



Song settings

Changing the Melody Voice

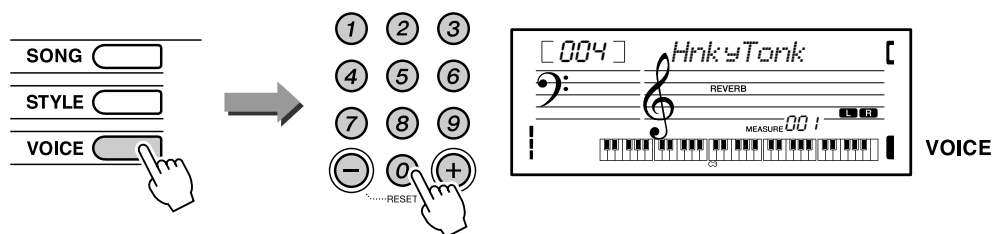
You can change a Song's melody Voice to any other Voice you prefer.

1 Select the Song and play it.

Refer to the section "Playing Songs" on page 19.

2 Select the voice.

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

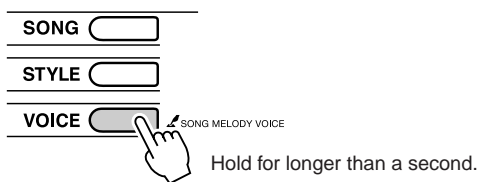


The selected Voice sounds when you play the keyboard.

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.



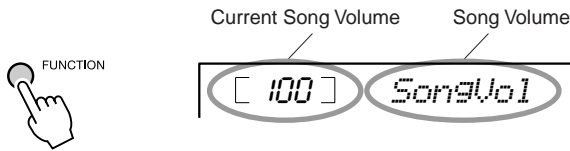
Song Volume

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.

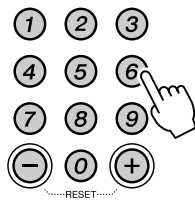
1 Press the [SONG] button.



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



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



NOTE

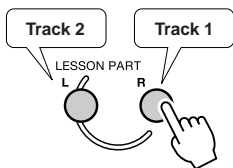
- Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (100).

Mute

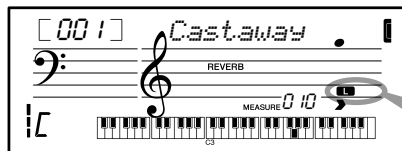
The Song is made up by several tracks.
You can mute Track 1 or Track 2 during Song playback.

- 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.

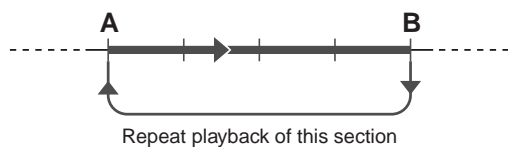


Lit—track contains data.

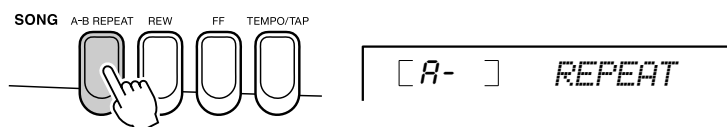
Unlit—track is muted or contains no data.

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.



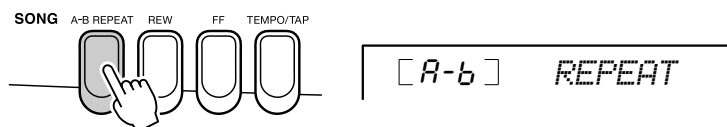
- 1 Play the Song and press the [A-B REPEAT] button at the beginning of the section you want to repeat (the "A" point). "A-REPEAT" will be displayed.



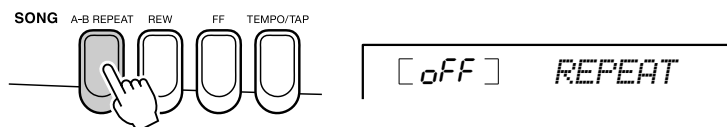
NOTE

- 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.

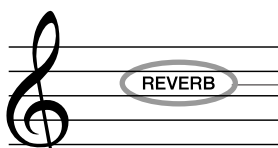
Play With a Variety of Effects

Adding Reverb

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

To add Reverb

Press the [REVERB ON/OFF] button to turn Reverb on. Reverb is normally on. You can check how the selected Reverb Type sounds by playing the keyboard. To turn Reverb off, press the [REVERB ON/OFF] button again.

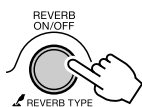


Appears when Reverb is on.

Select 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 and hold the [REVERB ON/OFF] button for longer than a second. "REVERB" appears in the display for a few seconds, followed by the Reverb Type.



Hold for longer than a second.

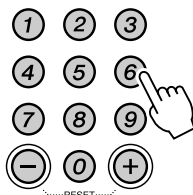


Currently selected Reverb Type

- 2 Select the desired Reverb Type by using the number buttons [0]-[9], [+], [-]. Refer to the Reverb Type list on page 57 for details. You can adjust the Reverb depth in the Function Settings (page 49).

NOTE

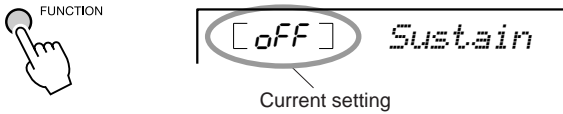
- You can also access the Reverb Type setting display by pressing the [FUNCTION] button several times.



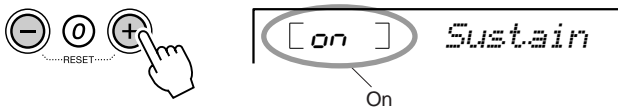
Adding Panel Sustain

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.

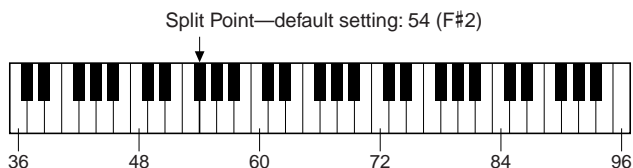


- See the section “Connecting a footswitch (SUSTAIN Jack)” on page 9 for information on applying sustain with the optional footswitch.

Handy Performance Features

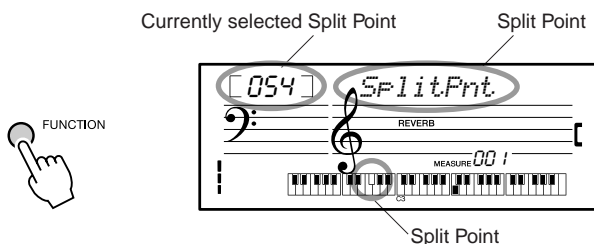
Setting the Split Point

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.



NOTE

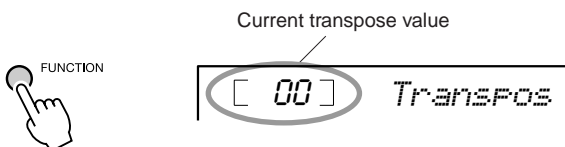
- Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (54 or F#2).

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

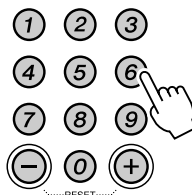
Transpose

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 “Transpos” appears.



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



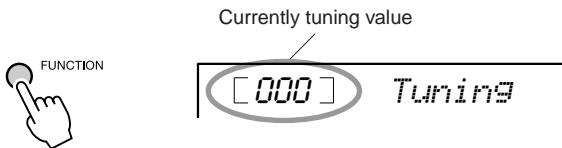
NOTE

- The pitch of the Drum Kits Voices (Voice numbers 130-134) cannot be changed.
- Press the [+] and [-] buttons simultaneously to instantly reset the value to its default setting (00).

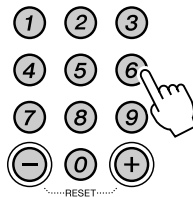
Tuning

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.



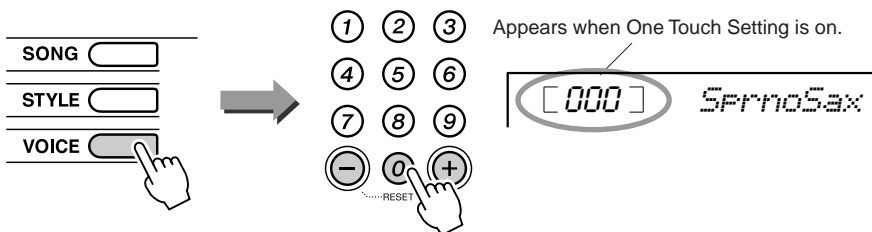
NOTE

- The pitch of the Drum Kits Voices (Voice numbers 130-134) 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], [+], [-].

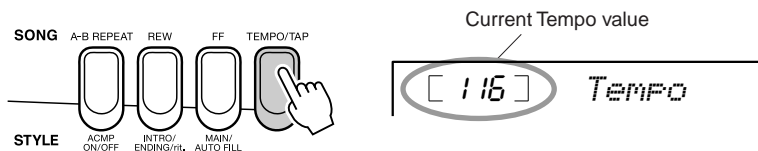


This turns the One Touch Setting feature on. One Touch Setting will be turned off if you select any other Voice number.

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.



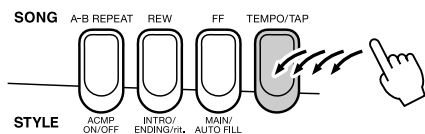
- 2 Set the Tempo by using the number buttons [0]-[9], [+], [-].

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.



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



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 49)

- Main Voice Volume
- Main Voice Octave

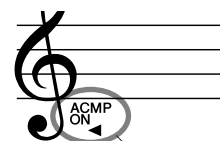
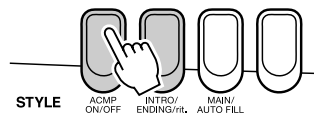
You can adjust each of the parameters above in the Function settings (page 49).

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.

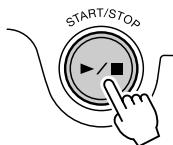


Appears when the auto accompaniment is on

■ 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.

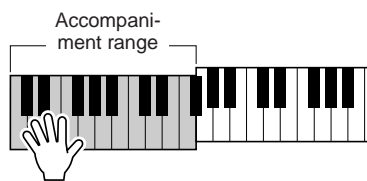
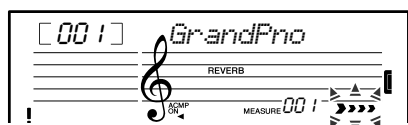
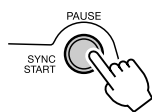


Immediate Start

■ 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.

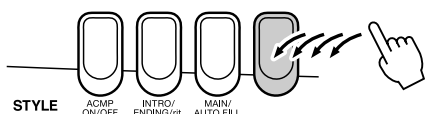


Style playback begins when you play a chord

■ 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.



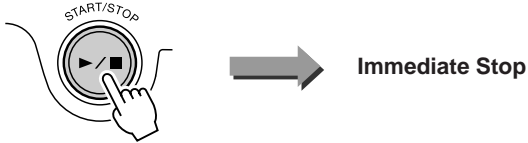
Start at the tapped tempo

Stopping Style playback

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

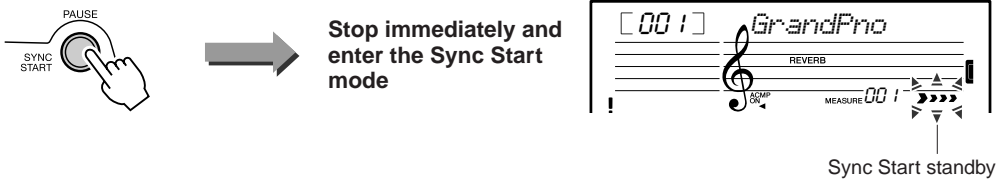
■ Immediate Stop

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



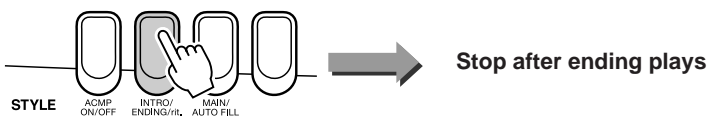
■ Stop and Enter Sync Start Mode

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).



■ Play the Ending and Stop

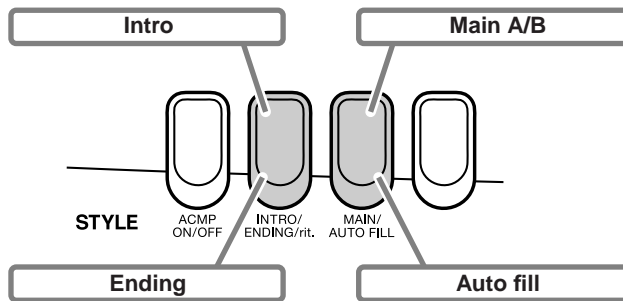
Press the [INTRO/ENDING/rit.] button to begin playing an ending section. Playback will stop when the ending has played all the way through.



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.

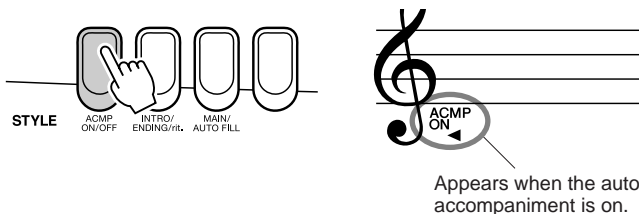
● ENDING section

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.

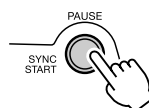
2 Turn auto accompaniment on.

Press the [ACMP ON/OFF] button.

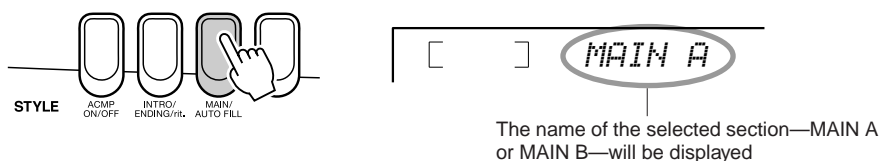


3 Turn SYNC START on.

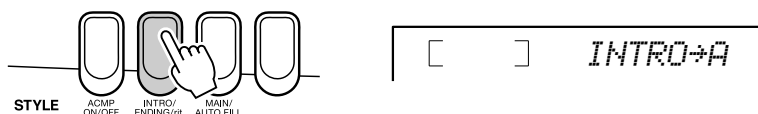
Press the [SYNC START] button.



4 Press the [MAIN/AUTO FILL] button.

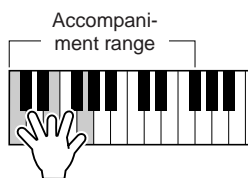


5 Press the [INTRO/ENDING/rit.] button.

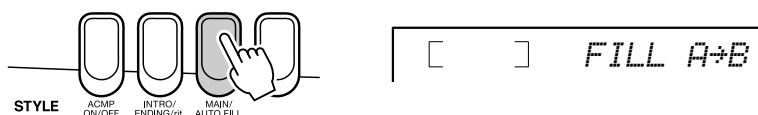


6 As soon as you play a chord with your left hand, the Intro of the selected Style starts.

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 44.

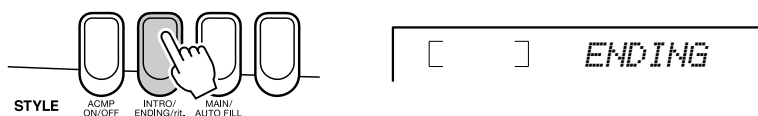


7 Press the [MAIN/AUTO FILL] button.



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

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



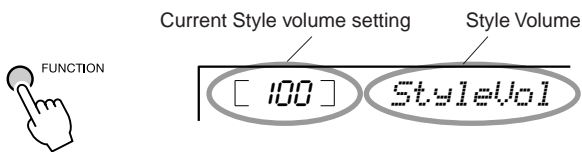
This switches to the ending section.

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.

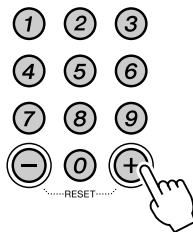
Adjusting the Style Volume

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], [+], [-].



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

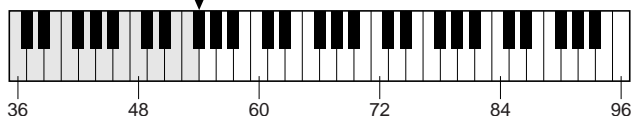
Playing Auto Accompaniment Chords

You've learned in the section "Play with a Style (Accompaniment)" on page 21 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 22)

- Easy Chords
- Standard Chords

Split Point—default setting: 54 (F#2)

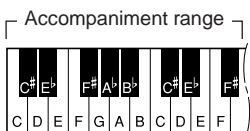


Easy Chords

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



C

• To play a major chord
Press the root note of the chord.

C7

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

Cm

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

Cm7

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

Standard Chords

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

C 	C(9) 	C6 	C6(9) 	CM7 	CM7(9) 	CM7(#11) 	C(♭5) 	CM7♭5
Csus4 	Caug 	CM7aug 	Cm 	Cm(9) 	Cm6 	CM7 	CM7(9) 	CM7(11)
CmM7 	CmM7(9) 	CM7♭5 	CmM7♭5 	Cdim 	Cdim7 	C7 	C7(♭9) 	C7(♭13)
C7(9) 	C7(#11) 	C7(13) 	C7(#9) 	C7♭5 	C7aug 	C7sus4 	C1+2+5 	

* 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 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 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 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 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 *



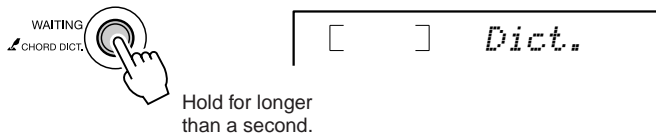
- Notes in parentheses can be omitted.
- Playing two same root keys in the adjacent octaves produces accompaniment based only on the root.
- A perfect fifth (1+5) produces accompaniment based only on the root and fifth which can be used with both major and minor chords.
- The chord fingerings listed 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.

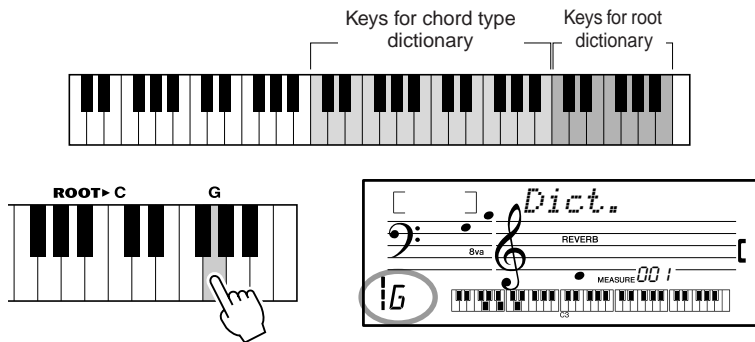
Looking up Chords Using the Chord Dictionary

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.

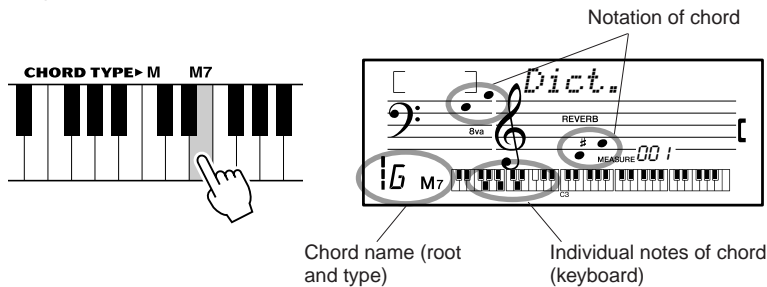
- 1 Press and hold the [WAITING] button for longer than a second. “Dict.” will appear in the display.



- 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, both as notation and in the keyboard diagram.



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.

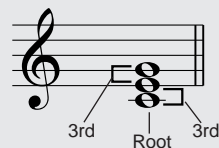
To call up possible inversions of the chord, press the [+]/[-] buttons.

- 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.

About chords

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

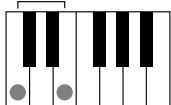
Playing a note together with two other notes spaced three notes (steps) apart—such as the notes C, E and G—creates a harmonious sound. Chords like these are called “triads” and they play an important role in most music.



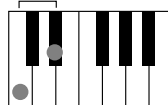
Taking the chord above as an example, the lowest note of this triad is called the “root note.” This is the central note sound, and it supports or anchors the rest of the notes chord.

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.

Major third—four half steps from the root

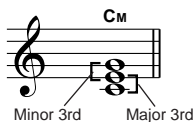


Minor third—three half steps from the root

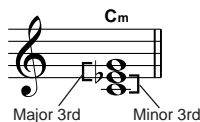


We’ll also alter the top note of our original chord and make three additional chords, as shown below. (The captions indicate the intervals between each of the notes.)

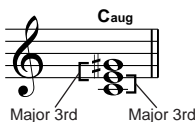
Major chord



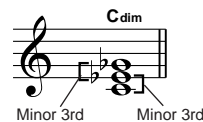
Minor chord



Augmented chord



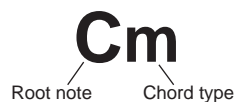
Diminished chord



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.

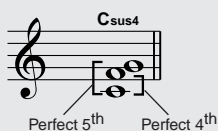
Chord names

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.

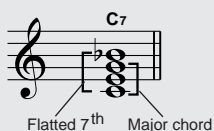


Chord types (These chords are among those that can be recognized by the Fingered method.)

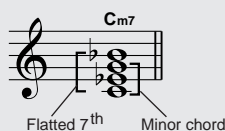
Suspended 4th



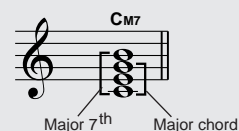
7th



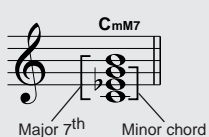
Minor 7th



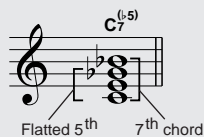
Major 7th



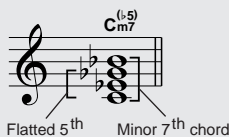
Minor/major 7th



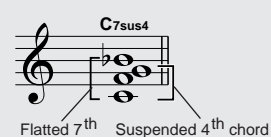
7th, flatted 5th



Minor 7th, flatted 5th



7th, suspended 4th



Function Settings

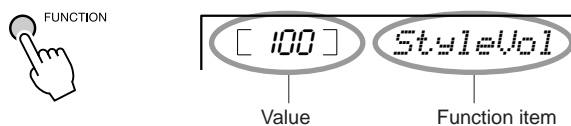
The [FUNCTION] button gives you access to a variety of operations related to adjusting or enhancing the sound and making settings for connection to external devices.

Select the item and change the value

There are 16 different items that can be set.

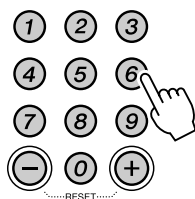
1 Press the [FUNCTION] button a number of times until desired item appears.

Each time the [FUNCTION] button is pressed 16 function items are displayed in sequence. The description and display sample is provided on the Function Setting List on page 49.



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

For on/off settings, use [+]/[-] 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 (C-2-G8)	Sets the Split "point"—in other words, the key that separates the auto accompaniment range and Main voice.
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.
Reverb Type	<i>Reverb</i>	01-10	Determines the Reverb type, including off (10). Refer to the Reverb Type list on page 57.
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.
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 to a computer. Use the [+] button to transmit the data.
Time Signature	<i>TimeSig</i>	00-15	Determines the time signature of the Metronome.
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 PSR-E203/YPT-200 to external equipment only after turning off power for all devices. Then, turn on the power, first to the PSR-E203/YPT-200, then to the connected external equipment.*

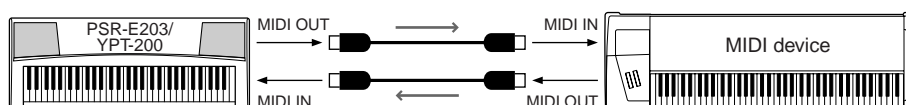
What You Can Do With MIDI

- Transferring performance and setting data between the PSR-E203/YPT-200 and MIDI-equipped instruments or computers. (page 51)

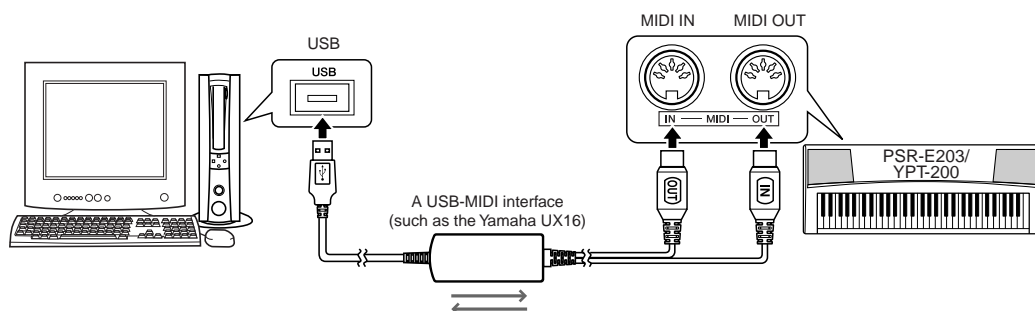
Transferring Performance Data To and From Another Instrument

By connecting the PSR-E203/YPT-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 PSR-E203/YPT-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 PSR-E203/YPT-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.

■ 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 also be played by the internal tone generator.

You can set the Local Control in the Function Settings (page 49).



- 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 49).



- 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.

PSR-E203/YPT-200 Panel Setting Transmission (Initial Send)

Sends the PSR-E203/YPT-200 panel settings to an external MIDI device. When recording a PSR-E203/YPT-200 performance to an external sequencer or similar equipment, you can use this function to send the current PSR-E203/YPT-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 49).

Voice List

■ Maximum Polyphony

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



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

● Panel Voice List

Voice No.	Bank Select		MIDI Program Change# (1 - 128)	Voice Name
	MSB (0 - 127)	LSB (0 - 127)		
PIANO				
001	0	112	1	Grand Piano1
002	0	0	1	Grand Piano2
003	0	0	2	Bright Piano
004	0	0	4	Honky-tonk Piano
005	0	0	7	Harpsichord
E.PIANO				
006	0	0	5	Electric Piano 1
007	0	0	6	Electric Piano 2
008	0	0	3	Electric Grand Piano
009	0	0	8	Clavi
ORGAN				
010	0	0	17	Drawbar Organ
011	0	0	18	Percussive Organ
012	0	0	19	Rock Organ
013	0	0	20	Church Organ
014	0	0	21	Reed Organ
ACCORDION				
015	0	0	22	Accordion
016	0	0	24	Tango Accordion
017	0	0	23	Harmonica
GUITAR				
018	0	0	25	Nylon Guitar
019	0	0	26	Steel Guitar
020	0	0	27	Jazz Guitar
021	0	0	28	Clean Guitar
022	0	0	29	Muted Guitar
023	0	0	30	Overdriven Guitar
024	0	0	31	Distortion Guitar
025	0	0	32	Guitar Harmonics
BASS				
026	0	0	33	Acoustic Bass
027	0	0	34	Finger Bass
028	0	0	35	Pick Bass
029	0	0	36	Fretless Bass
030	0	0	37	Slap Bass 1

Voice No.	Bank Select		MIDI Program Change# (1 - 128)	Voice Name
	MSB (0 - 127)	LSB (0 - 127)		
031	0	0	38	Slap Bass 2
032	0	0	39	Synth Bass 1
033	0	0	40	Synth Bass 2
STRINGS				
034	0	0	49	Strings 1
035	0	0	50	Strings 2
036	0	0	51	Synth Strings 1
037	0	0	52	Synth Strings 2
038	0	0	45	Tremolo Strings
039	0	0	46	Pizzicato Strings
040	0	0	41	Violin
041	0	0	42	Viola
042	0	0	43	Cello
043	0	0	44	Contrabass
044	0	0	47	Orchestral Harp
045	0	0	56	Orchestra Hit
CHOIR				
046	0	0	53	Choir Aahs
047	0	0	54	Voice Oohs
048	0	0	55	Synth Voice
SAXOPHONE				
049	0	0	67	Tenor Sax
050	0	0	66	Alto Sax
051	0	0	65	Soprano Sax
052	0	0	68	Baritone Sax
053	0	0	69	Oboe
054	0	0	72	Clarinet
055	0	0	70	English Horn
056	0	0	71	Bassoon
TRUMPET				
057	0	0	57	Trumpet
058	0	0	60	Muted Trumpet
059	0	0	58	Trombone
060	0	0	61	French Horn
061	0	0	59	Tuba

Voice List

Voice No.	Bank Select		MIDI Program Change# (1 - 128)	Voice Name
	MSB (0 - 127)	LSB (0 - 127)		
BRASS				
062	0	0	62	Brass Section
063	0	0	63	Synth Brass 1
064	0	0	64	Synth Brass 2
FLUTE				
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
SYNTH LEAD				
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
SYNTH PAD				
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
PERCUSSION				
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

Voice No.	Bank Select		MIDI Program Change# (1 - 128)	Voice Name
	MSB (0 - 127)	LSB (0 - 127)		
SYNTH EFFECTS				
105	0	0	97	Rain
106	0	0	98	Sound Track
107	0	0	99	Crystal
108	0	0	100	Atmosphere
109	0	0	101	Brightness
110	0	0	102	Goblins
111	0	0	103	Echoes
112	0	0	104	Sci-Fi
WORLD				
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
SOUND EFFECTS				
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
DRUM KITS				
130	127	0	1	Standard Kit
131	127	0	28	Dance Kit
132	127	0	41	Brush Kit
133	127	0	49	Symphony Kit
134	126	0	113	Sound Effect Kit

Drum Kit List

- " " indicates that the drum sound is the same as "Standard Kit".
- 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", 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	127/0/28	127/0/41	127/0/49	126/0/113
	Keyboard	MIDI		Key off	Alternate assign	Standard Kit	Dance Kit	Brush Kit	Symphony Kit	Sound Effect Kit
	Note#	Note	Note#	Note						
	25	C# 0	13	C# -1		3	Surdo Mute			
	26	D 0	14	D -1		3	Surdo Open			
	27	D# 0	15	D# -1			Hi Q			
	28	E 0	16	E -1			Whip Slap			
	29	F 0	17	F -1		4	Scratch Push			
	30	F# 0	18	F# -1		4	Scratch Pull			
	31	G 0	19	G -1			Finger Snap			
	32	G# 0	20	G# -1			Click Noise			
	33	A 0	21	A -1			Metronome Click			
	34	A# 0	22	A# -1			Metronome Bell			
	35	B 0	23	B -1			Seq Click L			
	36	C 1	24	C 0			Seq Click H			
	37	C# 1	25	C# 0			Brush Tap			
	38	D 1	26	D 0	O		Brush Swirl			
	39	D# 1	27	D# 0			Brush Slap			
	40	E 1	28	E 0	O		Brush Tap Swirl	Reverse Cymbal		
	41	F 1	29	F 0	O		Snare Roll			
	42	F# 1	30	F# 0			Castanet	Hi Q 2		Drum Loop
	43	G 1	31	G 0			Snare H Soft	AnSD Snappy	Brush Slap L	
	44	G# 1	32	G# 0			Sticks			
	45	A 1	33	A 0			Bass Drum Soft	AnBD Dance-1		Bass Drum L
	46	A# 1	34	A# 0			Open Rim Shot	AnSD OpenRim		
	47	B 1	35	B 0			Bass Drum Hard	AnBD Dance-2		Gran Cassa
	48	C 2	36	C 1			Bass Drum	AnBD Dance-3	BD Jazz	Gran Cassa Mute
	49	C# 2	37	C# 1			Side Stick	AnBD Side Stick		Heartbeat
	50	D 2	38	D 1			Snare M	AnSD Q	Brush Slap	Marching Sn M
	51	D# 2	39	D# 1			Hand Clap			Door Slam
	52	E 2	40	E 1			Snare H Hard	AnSD Ana+Acoustic	Brush Tap	Marching Sn H
	53	F 2	41	F 1			Floor Tom L	Analog Tom 1	Brush Tom 1	Jazz Tom 1
	54	F# 2	42	F# 1	1		Hi-Hat Closed	Analog HH Closed 3		Camera
	55	G 2	43	G 1			Floor Tom H	Analog Tom 2	Brush Tom 2	Jazz Tom 2
	56	G# 2	44	G# 1	1		Hi-Hat Pedal	Analog HH Closed 4		Horn
	57	A 2	45	A 1			Low Tom	Analog Tom 3	Brush Tom 3	Jazz Tom 3
	58	A# 2	46	A# 1	1		Hi-Hat Open	Analog HH Open 2		Stream
	59	B 2	47	B 1			Mid Tom L	Analog Tom 4	Brush Tom 4	Jazz Tom 4
	60	C 3	48	C 2			Mid Tom H	Analog Tom 5	Brush Tom 5	Jazz Tom 5
	61	C# 3	49	C# 2			Crash Cymbal 1	Analog Cymbal		Hand Cym. L
	62	D 3	50	D 2			High Tom	Analog Tom 6	Brush Tom 6	Jazz Tom 6
	63	D# 3	51	D# 2			Ride Cymbal 1			Hand Cym.Short L
	64	E 3	52	E 2			Chinese Cymbal			Hand Cym.Short L
	65	F 3	53	F 2			Ride Cymbal Cup			Horse Gallop
	66	F# 3	54	F# 2			Tambourine			Horse Neigh
	67	G 3	55	G 2			Splash Cymbal			Cow
	68	G# 3	56	G# 2			Cowbell	Analog Cowbell		Lion
	69	A 3	57	A 2			Crash Cymbal 2			Scratch
	70	A# 3	58	A# 2			Vibraslap			Yo!
	71	B 3	59	B 2			Ride Cymbal 2			Hand Cym. H
	72	C 4	60	C 3			Bongo H			Hand Cym.Short H
	73	C# 4	61	C# 3			Bongo L			Get up!
	74	D 4	62	D 3			Conga H Mute	Analog Conga H		Whoow!
	75	D# 4	63	D# 3			Conga H Open	Analog Conga M		
	76	E 4	64	E 3			Conga L	Analog Conga L		
	77	F 4	65	F 3			Timbale H			
	78	F# 4	66	F# 3			Timbale L			
	79	G 4	67	G 3			Agogo H			
	80	G# 4	68	G# 3			Agogo L			
	81	A 4	69	A 3			Cabasa			
	82	A# 4	70	A# 3			Maracas	Analog Maracas		
	83	B 4	71	B 3	O		Samba Whistle H			
	84	C 5	72	C 4	O		Samba Whistle L			
	85	C# 5	73	C# 4			Guiro Short			
	86	D 5	74	D 4	O		Guiro Long			
	87	D# 5	75	D# 4			Claves	Analog Claves		
	88	E 5	76	E 4			Wood Block H			
	89	F 5	77	F 4			Wood Block L			
	90	F# 5	78	F# 4			Cuica Mute	Scratch Push		
	91	G 5	79	G 4			Cuica Open	Scratch Pull		Uhl+Hit
	92	G# 5	80	G# 4	2		Triangle Mute			
	93	A 5	81	A 4	2		Triangle Open			
	94	A# 5	82	A# 4			Shaker			
	95	B 5	83	B 4			Jingle Bell			
	96	C 6	84	C 5			Bell Tree			
	97	C# 6	85	C# 5						
	98	D 6	86	D 5						
	99	D# 6	87	D# 5						
	100	E 6	88	E 5						
	101	F 6	89	F 5						
	102	F# 6	90	F# 5						
	103	G 6	91	G 5						

Style List

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

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

Style No.	Style Name
Traditional	
078	USMarch
079	6/8March
080	GermanMarch
081	PolkaPop
082	OberPolka
083	Tarantella
084	Showtune
085	ChristmasSwing
086	ChristmasWaltz
087	ScottishReel
Waltz	
088	SwingWaltz
089	JazzWaltz
090	CountryWaltz
091	OberWalzer
092	Musette
Pianist	
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	Hall 1	Concert hall reverb.
02	Hall 2	
03	Hall 3	
04	Room 1	Small room reverb.
05	Room 2	
06	Stage 1	Reverb for solo instruments.
07	Stage 2	
08	Plate 1	Simulated steel plate reverb.
09	Plate 2	
10	Off	No effect.

MIDI Implementation Chart

YAMAHA [PORTATONE] Date:15-Nov-2004
 Model YPT-200/PSR-E203 MIDI Implementation Chart Version:1.0

Function...	Transmitted	Recognized	Remarks
Basic Channel Default Changed	1 - 16 x	1 - 16 x	
Mode Default Messages Altered	3 x *****	3 x x	
Note Number : True voice	0 - 127 *****	0 - 127 0 - 127	
Velocity Note ON Note OFF	0 9nH, v=1-127 *2 x	0 9nH, v=1-127 x	
After Touch Key's Ch's	x x	x x	
Pitch Bend	x	0	
0, 32	0	0	Bank Select
1	x *1	0	Modulation wheel
6	x *1	0	Data Entry (MSB)
38	x *1	x	Data Entry (LSB)
7, 10	0	0	
11	x *1	0	Expression
64	0	0	Sustain
71, 73, 74	x *1	0	

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

*1 Refer to #2 on page 60.

*2 Refer to #6 on page 60.

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

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 52.)
Playing keys in the right hand area of the keyboard does not produce any sound.	When using the Dictionary function (page 46), the keys in the right hand area are used only for entering the chord root and type.
<ul style="list-style-type: none"> • The volume is too soft. • The sound quality is poor. • The rhythm stops unexpectedly or will not play. • The Song, etc. does not play correctly. 	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 52.
The Style does not sound properly.	Make sure that the Style Volume (page 43) 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). 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.
Regardless of how strongly play the keys, the level of the sound does not change.	Since this keyboard does not have touch response, the level of the sound does not change in response to your playing strength.

Specifications

Keyboards

- 61 standard-size keys (C1-C6)

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], [SOUND EFFECT KIT], [REVERB ON/OFF], [DEMO], [METRONOME ON/OFF], number buttons [0]-[9], [+], [-]

Voice

- 129 panel voices + 4drum 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 1-3

Function

- Style Volume, Song Volume, Tuning, Transpose, Split Point, Main voice (Volume, Octave), Reverb Type, Reverb level, Panel Sustain, Local On/Off, External Clock, Initial Setup Send, Time Signature, Metronome Volume, Demo Cancel

Effects

- Reverb: 9 types

Song

- 102 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-3B/3C AC power adaptor
- 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

- 4.4kg (9 lbs. 11 oz.) (not including batteries)

Supplied Accessories

- Music Rest
- Owner's Manual

Optional Accessories

- AC Power Adaptor: PA-3B/PA-3C
 - USB-MIDI Interface: UX16
 - Footswitch: FC4/FC5
 - Keyboard Stand: L-2C/L-2L
 - Headphones: HPE-150/HPE-30
-

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

Panel Controls and Terminals

A-B REPEAT button	33
ACMP ON/OFF button	22
DEMO button	20
FF button	20
FUNCTION button	25, 48
INTRO/ENDING/rit. Button	41
L button	28
LISTEN & LEARN button	28
MAIN/AUTO FILL button	41
MASTER VOLUME +, - buttons	9, 12, 24
METRONOME ON/OFF button	17
number buttons 0-9, +, -	25
PAUSE button	20
PORTABLE GRAND button	14
R button	28
REVERB ON/OFF button	34
REW button	20
SONG button	19, 25
SOUND EFFECT KIT button	16
STANDBY/ON switch	9, 12, 24
START/STOP button	24
STYLE button	21, 25
SYNC START button	22
TEMPO/TAP button	38
TIMING button	29
VOICE button	13, 25
WAITING button	30
DC IN 12V jack	8
MIDI IN/OUT terminal	50
PHONES/OUTPUT jack	9
SUSTAIN jack	9

Alphabetical Order

A	
AB Repeat	33
AC Power Adaptor	8
ACMP ON/OFF	22
Auto Accompaniment	22
Auto accompaniment range	22-23
B	
Battery	8
Beat Display	26
C	
Chord	23, 44-45, 47
Chord Dictionary	46
Chord Display	26, 45
Computer	51-52
D	
Demo	20
Display	26
Drum Kit	14
Drum Kit List	55
E	
Ending	40, 42
External Clock	49, 52
F	
FF	20
Footswitch (Sustain jack)	9
Function Setting List	49
G	
Grade	29
I	
Initial Send	49
Intro	39, 42
K	
Keyboard Display	26
L	
Lesson	27-30
Local	49, 52
M	
Main/Auto fill	41-42
Master Volume Control	9, 24
Measure	26
Melody Voice	31
Metronome	17-18
Metronome Volume	18

MIDI	50
Music Rest	6
Mute	32
N	
Notation	26
O	
Octave (Main)	49
One Touch Setting	37
Option	62
P	
Panel Sustain	35
Part	28
Pause	20
Press and Hold for a while	24
R	
Reverb	34
Reverb Level	49
Reverb Type List	57
Rew	20
Rhythm	21
Root	44, 46
S	
Song	19
Song List	20
Song Volume	31
Split Point	36
Start	24
Stop	24
Style	21-22, 39-42
Style List	56
Style Volume	43
Supplied Accessories	6, 62
Synchro Start	22, 39
T	
Tempo	38
Time Signature	18
Track	26, 32
Transfer	51
Transpose	36
Tuning	37
Turn Auto accompaniment on or off	22
V	
Voice	12-13
Voice List	53

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:

PSR, YPT 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.

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