

YAMAHA PortaSound

PSS-14

Owner's Manual



To parents:
Please read the instructions in this manual to your children.

Not suitable for children under 3 years due to small size of some components.

Congratulations on your purchase of the Yamaha PortaSound. You now own a portable keyboard that packs advanced functions and great sound in a highly compact size.

Read this Owner's Manual carefully while playing your new PortaSound in order to take full advantage of its various features.

- First of all, let's listen to the preset songs. Refer to "Let's listen and play!" on the reverse side.

PSS-14 Specifications

Keyboards	Number of Keys: 32, Key Size: Mini, Register: F2-C5
Voice (Instrument)	AWM 100 voices
Song	10 (KARAOKE)
Band	30
Control	STAND BY — ON Switch, SONGS Button, BANDS Button, INSTRUMENTS (COMBO, KEYBOARD/STRING, WIND&MALLETS/SOUND EFFECT) Button, VARIATION Button, STOP Button, TEMPO (SLOW, TAP, FAST) Button, VOLUME (UP, DOWN) Button
Amplifiers	1.0 W (when using batteries)
Speaker	7.7cm (3"-1/16) x 2, 8 Ω
Rated Voltage	DC 6 V : 4 "AA" size/R6P/SUM-3 (1.5 V) batteries DC 10-12 V : PA-3B AC power adaptor
Dimensions	620 x 183 x 58 mm (24"-3/8 x 7"-1/4 x 2"-1/4)
Weight	1.0kg (2 lbs. 3 oz)

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

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

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

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

NORTH AMERICA CANADA Yamaha Canada Music Ltd. 135 Miller Avenue, Scarborough, Ontario, M1S 3R1, Canada Tel: 416-298-1311 U.S.A. Yamaha Corporation of America 6600 Orangefhorpe Ave., Buena Park, Calif. 90620, U.S.A. Tel: 714-522-9011	ITALY Yamaha Musica Italia S.P.A., Hans Keyboard Division Viale Italia 88, 20020 Lainate (Milano), Italy Tel: 02-935-771 SPAIN Yamaha-Harmonia Electronica Musical, S.A. Rta. 30053 Jorge Juan 30, 28001, Madrid, Spain Tel: 91-577-7270 PORTUGAL Yalestin de Carvalho C1 SA Estrada de Porto Salvo, Paço de Arcos 2780 Oeiras, Portugal Tel: 01-443-3398/4030/1823	ASIA HONG KONG Tom Lee Music Co., Ltd. 11/F., Silvercord Tower 1, 30 Canton Road, Tsimshatsui, Kowloon, Hong Kong Tel: 730-1098 PT. YAMAHA MUSIC INDONESIA (Distributor) PT. Nusantara Gedung Yamaha Music Center, Jalan Jend. Gatot Subiono Km. 4, Jakarta 12930, Indonesia Tel: 21-520-2577 KOREA Cosmos Corporation 4131-31, Neung-Dong, Sanghok-Ku, Seoul Korea Tel: 02-466-0021-5 MALAYSIA Yamaha Music Malaysia, Sdn., Bhd. 16-28, Jalan SS 2/72, Petaling Jaya, Selangor, Malaysia Tel: 3-717-8977 PHILIPPINES Yupango Music Corporation 339 Gil J. Payat Avenue, P.O. Box 885 MCPO, Makati, Metro Manila, Philippines Tel: 819-7551 SINGAPORE Yamaha Music Asia Pte., Ltd. Blk. 302 Hougang, Street 21 #02-01, Singapore 53002 Tel: 382-1922 TAIWAN Yamaha KHS Music Co., Ltd. 10F, 150, Tun-Hua Northroad, Taipei, Taiwan, R.O.C. Tel: 02-717-3812
CENTRAL & SOUTH AMERICA MEXICO Yamaha de Mexico S.A. De C.V., Departamento de ventas Interior Boya Gomez No.149, Col. Gpe Del Moral, Deleg. Iztapalapa, 09300 Mexico, D.F. Tel: 686-00-33 BRAZIL Yamaha Musical do Brasil LTDA. Ave. Rebouças 2636, São Paulo, Brasil Tel: 011-853-1377 ARGENTINA Yamaha Music Argentina S.A. Viauante 1145 Piso 2-B 1053, Buenos Aires, Argentina Tel: 1-371-7021 PANAMA AND OTHER LATIN AMERICAN COUNTRIES/ CARIBBEAN COUNTRIES Yamaha de Panama S.A. Torre Blanco General, Piso 7, Urbanización Marbella, Calle 47 y Aquilino de la Guardia, Ciudad de Panamá, Panamá Tel: 507-269-5311	GREECE Philippe Nakas S.A. Navarinou Street 13, P.Code 10680, Athens, Greece Tel: 01-364-7111 SWEDEN Yamaha Scandinavia AB J. A. Wettergrens Gata 1 Box 30053 S-400 43 Göteborg, Sweden Tel: 031 89 34 00 DENMARK YS Copenhagen Liaison Office Generationsvej 8B DK-2730 Herlev, Denmark Tel: 44 92 49 00 FINLAND Warner Music Finland OY/Fazer Music Aleksanterinkatu 11, P.O. Box 260 SF-00101 Helsinki, Finland Tel: 0435 011 NORWAY Norsk Bllad av Yamaha Scandinavia AB Grini Næringspark 1 N-1345 Østera, Norway Tel: 07 16 77 70	THAILAND Siam Music Yamaha Co., Ltd. 121/60-61 RS Tower 17th Floor, Rachadaphisek Rd., Dinsoeng, Bangkok, 10320, Thailand Tel: 02-641-2951 THE PEOPLE'S REPUBLIC OF CHINA AND OTHER ASIAN COUNTRIES Yamaha Corporation, International Marketing Division Nakazawa-cho 10-1, Hamamatsu, Japan 430 Tel: 053-460-2317
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Tel: 053-460-3273



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PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

* Please keep these precautions 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:

- 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.
- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings.
- If 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.
- Use the specified adaptor (PA-3B or an equivalent recommended by Yamaha) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- Before cleaning the instrument, always remove the electric plug from the outlet. Never insert or remove an electric plug with wet hands.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.

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:

- 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.
- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord.
- 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.
- Unplug the AC power adaptor when not using the instrument, or during electrical storms.
- 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.
- 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.
- Keep batteries away from children.
- Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum.
- 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 near other electrical products such as televisions, radios, or speakers, since this might cause interference which can affect proper operation of the other products.
- Do not place the instrument in an unstable position where it might accidentally fall over.
- Before moving the instrument, remove all connected adaptor and other cables.
- When cleaning the instrument, use a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths. Also, do not place vinyl or plastic 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, or data that is lost or destroyed.

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

Make sure to discard used batteries according to local regulations.

Instrument List

			VARIATION			
			NORMAL	EFFECT (V x 1)	PHRASE (V x 2)	FUNNY (V x 3)
1	COMBO	KEYBOARD	PIANO (1 x 1)	SUSTAIN PIANO	RAGTIME PIANO	GAME OVER
			E GUITAR (1 x 2)	ECHO GUITAR	CHOKING GUITAR	UNLUCKY
			SAXOPHONE (1 x 3)	TENOR SAX	SAX SOLO	TAP DANCE
			E BASS (1 x 4)	SYNTH BASS	BASS SOLO	SYNTH BASS PHRASE
			PERCUSSION (1 x 5)	8 BEAT	DRUM SOLO	COMIC DRUM
			E PIANO (2 x 1)	ECHO E PIANO	E PIANO PHRASE	PUNCH LINE
			HARPSICHOARD (2 x 2)	SUSTAIN HARPSICHOARD	BAROQUE PHRASE	MUSIC BOX
			ORGAN (2 x 3)	ECHO ORGAN	WEDDING	FUGA
			CLAVI (2 x 4)	SUSTAIN CLAVI	CLAVI PHRASE	CHINA
			ACCORDION (2 x 5)	ECHO ACCORDION	ACCORDION PHRASE	BOUNCE
2	STRING	KEYBOARD	FOLK GUITAR (2 x 6)	TREMOLO GUITAR	GUITAR ARPEGGIO	GUITAR PHRASE
			VIOLIN (2 x 7)	ECHO VIOLIN	VIOLIN PHRASE	COMPUTER
			STRINGS (2 x 8)	ECHO STRINGS	STRINGS PHRASE	FANTASIA
			HARP (2 x 9)	SUSTAIN HARP	HARP ARPEGGIO	HARP ARPEGGIO 2
			BANJO (2 x 10)	ECHO BANJO	COUNTRY PHRASE	TAISHO-KOTO
			TRUMPET (2 x 1)	ECHO TRUMPET	TRUMPET PHRASE	FANFARE
			FLUTE (2 x 2)	CLARINET	FLUTE PHRASE	AMBULANCE
			HARMONICA (2 x 3)	ECHO HARMONICA	HARMONICA PHRASE	THE END
			VIBRAPHONE (2 x 4)	TREMOLO VIB	VIB PHRASE	RIGHT ANSWER
			MARIMBA (2 x 5)	TREMOLO MARIMBA	MARIMBA PHRASE	BELL
3	SOUND EFFECT WIND & MALLETS	KEYBOARD	PIG (2 x 6)	DOG	PIG'S SONG	DOG'S SONG
			CAT (2 x 7)	COW	CAT'S SONG	COW'S SONG
			TELEPHONE (2 x 8)	LINE IS BUSY	TIME SIGNAL	POLICE CAR
			TV GAME (2 x 9)	TV GAME 2	PICCOPO	WRONG ANSWER
			CHORUS (2 x 10)	ECHO CHORUS	SYMPHONY NO.9	BACK CHORUS

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:

Model	PSS-14
Serial No.	
Purchase Date	

PLEASE KEEP THIS MANUAL

92-BP

FCC INFORMATION (U.S.A.)

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.

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.

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 filters.
- 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 Orangefhorpe Ave, Buena Park, CA 90620. * This applies only to products distributed by Yamaha Corporation of America.

Trouble Shooting

Problem	Solution
When the STAND BY—ON switch is turned ON you hear a "buzz" sound.	This is a result of electricity flowing through the instrument. It is not a problem at all.
• The sound is distorted when the keyboard is played, and suddenly the fanfare plays. • Playback of Song or Performance is distorted, the playback suddenly stops and the fanfare plays.	Battery power is low. Replace all four batteries with a new set of batteries.
There is no sound when you play on the keyboard.	You are playing 5 or more keys at one time. You can only play a maximum of 4 keys at one time.
The panel buttons do not function properly.	If a key on the keyboard is held down at the same time you are pressing a button the button may not operate properly.

Have fun with the "Pig's Song"

You can find "The Pig's Song", "The Dog's Song", "The Cat's Song", and "The Cow's Song" in the Variation Instrument's Phrase and Funny. Select a sound and try playing it on the keyboard. What did that sound like? Did it sound really funny? You can't play a melody with this sound but it sure is funny isn't it?

Try to select and play some of the other fun sounds like "Police Car", "Ambulance", etc.

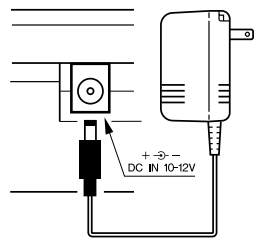
When you find the sound you want to play, first press the 1-4 button the number of times shown in the list, and then if necessary press the V button the number of times shown in the list.

When the PSS-14 is switched "ON", the first instrument in the 1 list (PIANO) will be selected. To select another voice from the 1 list just after the PSS-14 is switched "ON", subtract 1 from the times required to select a voice.

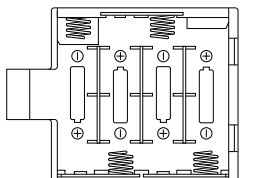
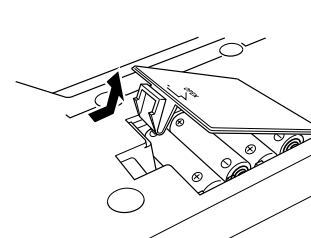
Power

Your PSS-14 will run either from batteries or an optional AC adaptor.

Using AC Power



Using Batteries



Using the PA-3B optional adaptor.

- 1 Connect the AC adaptor's DC plug to the DC Inlet Jack located on the rear panel.
- 2 Connect the AC Plug to any convenient AC wall socket.
* The AC adaptor is not a toy.

CAUTION!

If you use an AC adaptor, make sure you only use the PA-3B adaptor (optional). The use of any other adaptor may result in damage, overheating or fire. In such a case, the warranty will be void so please use caution.

- 1 Turn the PSS-14 upside-down, and remove the battery compartment cover.
- 2 Insert four 1.5V "AA" size (R6P or SUM-3) or equivalent manganese or alkaline batteries. Make sure the batteries are inserted in the same manner as shown in the illustration.
- 3 Replace the battery compartment cover.

* To remove the batteries, follow the procedure above, taking out the four batteries in step 2.

CAUTION!

It is highly recommended that you change worn batteries as soon as possible. As battery power weakens, the volume will decrease and sound quality will also degrade. When this occurs pay attention to the following cautions and change the batteries.

• Be sure to follow the battery +/- polarity indications on the case when inserting the batteries. Improper installation of batteries may result in overheating, fire, and battery leakage.

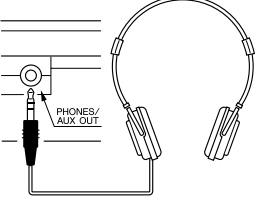
• Replace ALL batteries at the same time. Never mix new and old batteries. Also, don't mix battery types (alkaline and manganese, different makers, or different types by the same maker). Mixing batteries may result in overheating, fire, and battery leakage.

• To prevent possible damage due to battery leakage, and to save battery power, remove the batteries if the instrument is not to be used for an extended period of time.

NOTE

• Even if batteries are installed, the keyboard will automatically switch to AC power when the AC adaptor is connected to AC current.

Using Headphones



When you want to practice quietly by yourself or, play at night, connect a pair of headphones to the headphone jack located on the rear panel. When headphones are connected the sound from the internal speaker will automatically be switched off.

If you use headphones, do not play at a loud volume so as to damage your hearing.

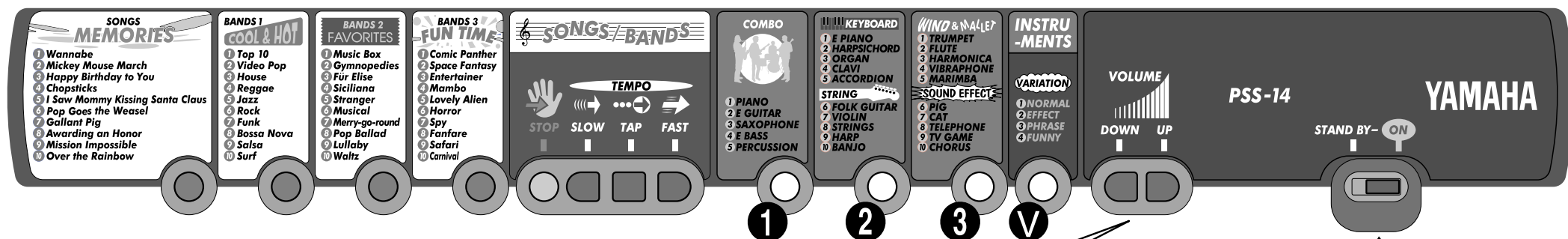
For products purchased in the United Kingdom :
If you experience any problems with your keyboard, please contact your supplying Dealer.

Limited Warranty (FOR the U.S.A. only)

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:

Fun Fun Fun GUIDE



★The VOLUME [UP], [DOWN] buttons

Press the VOLUME [UP] button, the "PON" sound you hear will be a little louder. Press the VOLUME [DOWN] button, the "PON" sound you hear will be a little softer.

NOTE

- If you press the [UP] or [DOWN] button and you don't hear "PON", the sound level is at its highest or lowest setting and cannot be adjusted further.
- Simultaneously press the [UP] and [DOWN] buttons to set the volume level to its maximum setting.
- The volume is set to its maximum setting STAND BY—ON switch is set to "ON".

★The STAND BY — ON switch.

Slide the STAND BY—ON switch to the "ON" position and you will be greeted with a fanfare and can play PSS-14. Slide the switch to the "STAND BY" position to turn the PSS-14 off.

- If you leave the switch "ON"...
- If the switch is left "ON", the PSS-14 will sound an alert. Make sure you slide the switch to the "STAND BY" so that you don't waste battery power.
- If the switch is still left "ON", and the keyboard is not touched for a period of 10 minutes, a confirmation alert will sound. If the keyboard is still not touched, the alert will sound every 10 minutes.

Let's listen and play!

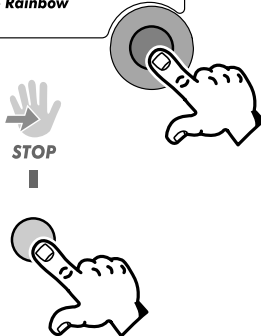
Inside the PSS-14, there are 10 songs. First, let's listen to the second song in the SONGS list, "Mickey Mouse March", and then try playing along with it.

1 Start "Mickey Mouse March".



Press the blue [SONGS] button two times.

You know this song very well. It's "Mickey Mouse March".



Press the red [STOP] button, and "Mickey Mouse March" will stop.

Next, let's try to play along with the song.

2 Try playing along with the song.

If you are ready, try playing along with the song on the keyboard. The melody disappears and you can hear the notes you play.

Try playing the melody to "Mickey Mouse March" karaoke style.

How did you do? If it was too hard to play, try playing it at a slower tempo (the song's speed).

3 "One, two, three, four!". Try starting the song like this.

Press the red [STOP] button to stop the song.

Tap the [TAP] button four times like this. "One, two, three, four".

Did the song play at the speed you tapped?

Is this an easier tempo to play along with? You can also use the TEMPO [SLOW], [FAST] buttons to adjust the tempo.

If you think it's a little too fast, press the [SLOW] button. You will hear a "PON", and the tempo will slow down a little.

If you think it's a little too slow, press the [FAST] button. You will hear a "PON", and the tempo will speed up a little.

When you press the blue [SONGS] button, the first song in the song list, "Wannabe" will start. The next time you press it, the second song "Mickey Mouse March", starts, and so on.

After the tenth song in the list, "Over the Rainbow", the next song to be selected will be the first song in the list "Wannabe".

NOTE

- To start playback from the beginning of the selected song, press the red [STOP] button to stop playback, then press the [SONGS] button to start playback of the song from the beginning.

Try this one for fun!

Try playing the song "Gallant Pig" with a pig's voice.

Choose the seventh song in the song list "Gallant Pig". Next, choose "Pig" from the instruments list. What do you think will happen?

Doesn't that sound funny? It sounds like a pig is singing "Gallant Pig". Try to play the melody yourself.

Try the same thing using other animal voices like "Cat", "Dog" or "Cow" for the melody.



NOTE

- If the keyboard is not played for one measure, the PSS-14 will play the melody again.
- When you press the [SONGS] button to select a song, the PSS-14 will automatically select an instrument that matches the song for you to play on the keyboard.

NOTE

- If the song is in 3/4 time, tap the [TAP] button 3 times.
- If you tap the [TAP] button while the song is playing, the song's tempo will adjust to the same speed that you tapped.
- If you tap the [TAP] button too slowly, the tap function will not operate. If you tap the [TAP] button too fast, the tempo will be set to 240 beats per minute.

NOTE

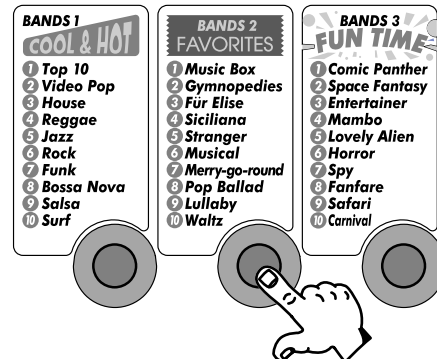
- The tempo can be adjusted between $\text{♩} = 40-240$.
- If you press the [SLOW] or [FAST] button and you don't hear a "PON", the tempo is at its highest or lowest setting and cannot be set any faster or slower.
- Simultaneously press the [SLOW], [FAST] buttons to return the tempo to its original setting.

Try playing in the band.

Inside the PSS-14 there are 30 different kinds of band (accompaniment) performances. In the BANDS 1 list you'll find some great rhythms to play along with, BANDS 2 has some nice classic pieces with melodies, and BANDS 3 has some fun pieces to play along with.

First, let's listen to "Für Elise", which is the third song in the BANDS 2 list. Just as if you are a member of a five-piece band (COMBO), play along with the band.

1 Start "Für Elise".



If you press the blue [BANDS 2] button three times, the third song, "Für Elise", in the BANDS 2 list will start playing.

Press the red [STOP] button, and the band stops playing.

2 Become a band member (piano/electric guitar, etc.)

Try pressing the yellow 1 button.

What kind of instrument do you hear?

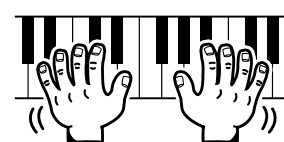
Every time you press the 1 button, a different instrument plays. Use your ear to find the piano sound, which is the first instrument in the yellow 1 list (COMBO).

Are you feeling like a pianist? See if you can play along with the melody.

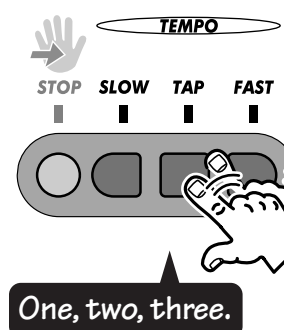
Press the yellow 1 button and the sound you just played on the keyboard (PIANO) will change to E GUITAR, the second instrument in the yellow 1 list.

Are you feeling like a guitarist? See if you can play along.

Press the 1 button again and try playing the SAXOPHONE, E BASS, or PERCUSSION parts in the group.



3 "One, two, three!" Start the band!



Press the red [STOP] button to stop the band.

Tap the [TAP] button three times like this. "One, two, three".

Did the band start playing at the speed you tapped?

You can change the band's tempo, just like you did for the song, by using the TEMPO [SLOW], [FAST] buttons.

Selecting normal instruments.

There are 100 types of instrument sounds in the PSS-14. Let's try to play some of the 25 normal instrument sounds (shown on the panel).

Press the yellow 2 button once and the instrument that sounds will be the first instrument in the 2 INSTRUMENTS list (Keyboard/String).

Press the yellow 3 button once and the instrument that sounds will be the first instrument in the 3 INSTRUMENTS list (Wind & Mallet/Sound Effect).

The next time you press either of the buttons, the next instrument in the list will be selected.

Selecting variation instruments.

See the "Instrument List" on the reverse side.

All of the instruments listed on the panel have three variations (25 x 3 = 75 types).

Look at the instrument list and try to select and play some of the different types of instruments (Effect/Phrase/Funny).

To select a variation instrument, press the orange V button. Every time you press the V button, Normal → Effect → Phrase → Funny → Normal → ...

variations will be selected in that order.

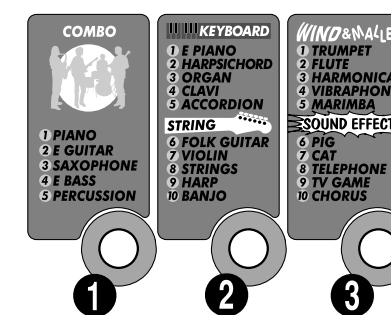
For example, when the piano (Normal) is selected, and the V button is pressed,

→ Sustain Piano → Ragtime Piano → Game Over → Piano (Effect) (Phrase) (Funny) (Normal)

will be selected in that order.

NOTE

- When you press the V button, the selected instrument will sound and then you can play the instrument.



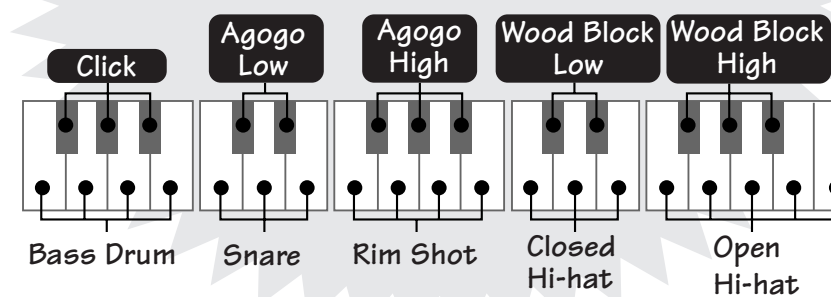
Try this one for fun!

Have fun playing percussion.

Press the yellow 1 button so that "Percussion" is selected, play on the keyboard and you will hear many different percussion instruments.

Press the blue [BANDS 3] button, and play the "Safari" or "Carnival".

OK, are you feeling like a drummer? Let's play along with the band performance.



NOTE

- Tap the [TAP] button 4 times if the band performance is 4/4 time.
- If you tap the [TAP] button while the band performance is playing, the performance tempo will adjust to the same speed that you tapped.
- If you tap the [TAP] button too slowly, the tap function will not operate. If you tap the [TAP] button too fast, the tempo will be set to 240 beats per minute.

When you press the blue [BANDS 2] button, the first song in the BANDS 2 list, "Music Box" will start. The next time you press, the second song "Gymnopedies", starts, and so on. After the tenth song in the list, "Waltz", the next song to be selected will be the first song in the list "Music Box".

Press the blue [BANDS 1] button / [BANDS 3] button, and in the same manner, the first song in the BANDS 1 list / BANDS 3 list will start. Also, every time you press the [BANDS 1] button / [BANDS 3] button, the next song in the list will start. The first song will be selected after the tenth song in the list.

NOTE

- The band performance will continue to repeat until the red [STOP] button is pressed.
- To start the band performance from the beginning of the selected performance, press the red [STOP] button to stop playback, then press the [BANDS 1] - [BANDS 3] button to start playback of the performance from the beginning.
- When you select a band performance, the tempo that matches that performance will be automatically selected.

When you press the 1 button for the first time, the first instrument in the list will be selected. After that, every time you press the button, the next instrument in the list will be selected. You can select from five instruments (combo) in the 1 button list. The combo is a preset band composed of standard instruments.

After you select percussion, the next instrument selected will be piano.

NOTE

- If you press the yellow 1, 2, or 3 button, the selected instrument will sound and then you can play that instrument on the keyboard.