YAMAHA PortaSound

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

PSS-7 Owner's Manual

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-7 Specifications

Keyboards	Number of Keys: 32, Key Size: Ultra-mini, Register: F2~C5				
Voice (Instrument)	AWM 100 voices				
Song	10 (KARAOKE)				
Band	30				
Control	STAND BY — ON Switch, INSTRUMENTS (i1~i3) Button,				
	Variatrion (x4)Button, SONGS 🕑 Button, BANDS (b1~b3)				
	Button, Stop 🔘 Button, TEMPO 🗑 🖉 Button, Tap 💿 Button, VOL-				
	UME 🕀 🕀 Button				
Amplifiers	0.5 W (when using batteries)				
Speaker	6.6cm (2"-3/8) x1, 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	332 x 193 x 49 mm (13"-1/16 x 7"-5/8 x 1"-15/16)				
Weight	0.5kg (1 lbs. 2 oz)				

For details of products, please contact your nearest Yamaha Die Einzelheiten zu Produkten sind bei Ihrer unten aufgeor the authorized distributor listed below. führten Niederlassung und bei Yamaha Vertragshändlern Pour plus de détails sur les produits, veuillez-vous adresser in den jeweiligen Bestimmungsländern erhältlich. à Yamaha ou au distributeur le plus proche de vous figurant Para detalles sobre productos, contacte su tienda Yamaha dans la liste suivante. más cercana o el distribuidor autorizado que se lista debajo. NORTH AMERICA ITALY Yamaha Musica Italia S.P.A., ASIA CANADA HONG KONG Yamaha Canada Music Ltd. Tom Lee Music Co., Ltd. Home Keyboard Division 135 Milner Avenue, Scarborough, Ontari M1S 3R1, Canada Tel: 416-298-1311 Viale Italia 88, 20020 Lainate (Milano), Italy 11/F., Silvercord Tower 1, 30 Canton Road, Tsimshatsui, Kowloon, Hong Kong Tel: 02-935-771 Tel: 730-1098 SPAIN Yamaha-Hazen Electronica Musical, S.A. NDONESIA PT. Yamaha Music Indonesia (Distributor) U.S.A. Yamaha Corporation of America Jorge Juan 30, 28001, Madrid, Spain Tel: 91-577-7270 6600 Orangethorpe Ave., Buena Park, Calif. 90620, PT. Nusantik Gedung Yamaha Music Center, Jalan Jend. Gatot Subroto Kav. 4, Jakarta 12930, Indonesia Tel: 21-520-2577 PORTUGAL U.S.A. Tel: 714-522-9011 Valentim de Carvalho CI SA Estrada de Porto Salvo, Paço de Arcos 2780 Oeiras, CENTRAL & SOUTH AMERICA KOREA Portugal Tel: 01-443-3398/4030/1823 MEXICO Yamaha de Mexico S.A. De C.V., Cosmos Corporatio GREECE #131-31, Neung-Dong, Sungdong-Ku, Seoul Departamento de ventas Javier Rojo Gomez No.1149, Col. Gpe Del Moral, Deleg. Iztapalapa, 09300 Mexico, D.F. Tel: 686-00-33 Philippe Nakas S.A. Navarinou Street 13, P.Code 10680, Athens, Greece Tel: 01-364-7111 Tel: 02-466-0021~5 MALAYSIA Yamaha Music Malaysia, Sdn., Bhd. SWEDEN Yamaha Scandinavia AB BRASIL Yamaha Musical do Brasil LTDA 16-28, Jalan SS 2/72, Petaling Jaya, Selango J. A. Wettergrens Gata 1 Box 30053 Malaysia Tel: 3-717-8977 Ave. Reboucas 2636, São Paulo, Brasi Tel: 011-853-1377 S-400 43 Göteborg, Sweden PHILIPPINES ARGENTINA Yamaha Music Argentina S.A. Yupangco Music Corporation 339 Gil J. Puyat Avenue, P.O. Box 885 MCPO, Makati, Metro Manila, Philippines Tel: 819-7551 Tel: 031 89 34 00 DENMARK YS Copenhagen Liaison Office Viamonte 1145 Piso2-B 1053, Buenos Aires, Argentina Tel: 1-371-7021 Generatorvej 8B DK-2730 Herlev, Denmark SINGAPORE PANAMA AND OTHER LATIN AMERICAN COUNTRIES/ CARIBBEAN COUNTRIES Yamaha de Panama S.A. Tel: 44 92 49 00 Yamaha Music Asia Pte., Ltd. Blk 202 Hougang, Street 21 #02-0. Singapore 530202 Tel: 382-1922 FINLAND Warner Music Finland OY/Fazer Music Aleksanterinkatu 11, P.O. Box 260 Torre Banco General, Piso 7, Urbanización Marbella SF-00101 Helsinki, Finland TAIWAN Calle 47 y Aquilino de la Guardia, Tel: 0435 011 Yamaha KHS Music Co., Ltd. Ciudad de Panamá, Panamá Tel: 507-269-5311 10F, 150, Tun-Hwa North Taipei, Taiwan, R.O.C. Tel: 02-717-3812 NORWAY Norsk filial av Yamaha Scandinavia AB EUROPE Grini Næringspark 1 N-1345 Østerås, Norway Tel: 67 16 77 70 THE UNITED KING THAILAND Siam Music Yamaha Co., Ltd NITED KINGDOM aha-Kemble Music (U.K.) Ltd. Sherbourne Drive, Tilbrook, Milton Keynes ICELAND 121/60-61 RS Tower 17th Floor MK7 8BL, England Skifan HF Ratchadaphisek RD., Dindaeng keifan 17 P.O. Box 8120 S-128 Reykjavik, Iceland 'el: 525 5000 Tel: 01908-366700 angkok 10320, Thailand Fel: 02-641-2951 IRELAND Danfav Ltd. THE PEOPLE'S REPUBLIC OF CHINA 61D, Sallynoggin Road, Dun Laoghaire, Co. Dublin Tel: 01-2859177 OTHER EUROPEAN COUNTRIES AND OTHER ASIAN COUNTRIE Yamaha Europa GmbH Yamaha Corporation, International Marketing Division GERMANY/SWITZERLAND nensstraße 22-34, 25462 Rellingen, F.R. of Germany Yamaha Europa GmbH Tel: 04101-3030 zawa-cho 10-1. Hama Siemensstraße 22-34, 25462 Rellinge F.R. of Germany Tel: 04101-3030 Tel: 053-460-2317 AFRICA OCEANIA Yamaha Corpora International Marketing Division AUSTRALIA AUSTRIA Yamaha Music Austria Yamaha Music Australia Pty. Ltd. Nakazawa-cho 10-1, Hamamatsu, Japan 430 Tel: 053-460-2312 17-33 Market Street, South Melbourne, Vic. 3205 Schleiergasse 20, A-1100 Wien Austria Tel: 01-60203900 MIDDLE EAST TURKEY/CYPRUS THE NETHERLANDS NEW ZEALAND Yamaha Music Nederlan Music Houses of N.Z. Ltd. Yamaha Europa GmbH. Kanaalweg 18G, 3526KL, Utrecht, The Netherlands Tel: 030-2828411 146/148 Captain Springs Road, Te Papapa, Auckland Siemensstraße 22-34, 25462 Relling F.R. of Germa BELGIUM Yamaha Music Belgiun Tel: 04101-3030 Tel: 9-634-0099 OTHER COUNTRIES COUNTRIES AND TRUST Keiberg Imperiastraat 8, 1930 Zaventem, Belgium Tel: 02-7258220 TERRITORIES IN PACIFIC OCEAN Yamaha Corporation International Marketing Division Yamaha Corporation FRANCE Nakazawa-cho 10-1, Har Tel: 053-460-2312 International Marketing Division Yamaha Musique France. Nakazawa-cho 10-1, Hamamatsu, Japan 430 Tel: 053-460-2317 Division Claviers BP 70-77312 Marne-la-Vallée Cedex 2, France Tel: 01-64-61-4000 HEAD OFFICE Yamaha Corporation, Electronic Musical Instrument Division YAMAHA natsu, Japan 430 [PK] 10 M.D.G., EMI Division © 1997 Yamaha Corporation VZ 02080 ???POCP??.?-03C0 Printed in Malaysia

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

* Please keep these precautions in a safe place for future reference.

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 userserviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by gualified 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.

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 destroved.

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 (x4 x 1)	PHRASE (x4 x 2)	FUNNY (x4 x 3)
<i>i</i> 1	_	PIANO	(i1 x 1)	SUSTAIN PIANO	RAGTIME PIANO	GAME OVER
	OMBO	E GUITAR	(i 1 x 2)	ECHO GUITAR	CHOKING GUITAR	UNLUCKY
	Σ	SAXOPHONE	(i1 x 3)	TENOR SAX	SAX SOLO	TAP DANCE
	8	E BASS	(i 1 x 4)	SYNTH BASS	BASS SOLO	SYNTH BASS PHRA
	Ŭ	PERCUSSION	(i 1 x 5)	8 BEAT	DRUM SOLO	COMIC DRUM
	Q	E PIANO	(i2 x 1)	ECHO E PIANO	E PIANO PHRASE	PUNCH LINE
	AR	HARPSICHORD	(i2 x 2)	SUSTAIN HARPSICHORD	BAROQUE PHRASE	MUSIC BOX
	Ő	ORGAN	(i2 x 3)	ECHO ORGAN	WEDDING	FUGA
	KEYBOARD	CLAVI	(i2 x 4)	SUSTAIN CLAVI	CLAVI PHRASE	CHINA
i2	Ξ.	ACCORDION	(i2 x 5)	ECHO ACCORDION	ACCORDION PHRASE	BOUNCE
12		F GUITAR	(i2 x 6)	TREMOLO GUITAR	GUITAR ARPEGGIO	GUITAR PHRASE
	U V V	VIOLIN	(i2 x 7)	ECHO VIOLIN	VIOLIN PHRASE	COMPUTER
	STRING	STRINGS	(i2 x 8)	ECHO STRINGS	STRINGS PHRASE	FANTASIA
		HARP	(i2 × 9)	SUSTAIN HARP	HARP ARPEGGIO	HARP ARPEGGIO 2
		BANJO	(i2 x 10)	ECHO BANJO	COUNTRY PHRASE	TAISHO-KOTO
		TRUMPET	(i3 x 1)	ECHO TRUMPET	TRUMPET PHRASE	FANFARE
	- t	FLUTE	(i3 x 2)	CLARINET	FLUTE PHRASE	AMBULANCE
i3	+UNIN	HARMONICA	(i3 x 3)	ECHO HARMONICA	HARMONICA PHRASE	THE END
	M	VIBRAPHONE	(i3 x 4)	TREMOLO VIB	VIB PHRASE	RIGHT ANSWER
		MARIMBA	(i3 x 5)	TREMOLO MARIMBA	MARIMBA PHRASE	BELL
	FFECTS	PIG	(i3 x 6)	DOG	PIG'S SONG	DOG'S SONG
		CAT	(i3 x 7)	COW	CAT'S SONG	COW'S SONG
		TELEPHONE	(i3 x 8)	LINE IS BUSY	TIME SIGNAL	POLICE CAR
		TV GAME	(i3 x 9)	TV GAME 2	PICOPICO	WRONG ANSWER
	Ш	CHORUS	(i3 x 10)	ECHO CHORUS	SYMPHONY NO.9	BACK CHORUS

product

The information contained in this manual is believed to be correct at the time of printing. However, Yamaha reserves he right to change or modify any of the specifications withou notice or obligation to update existing units.

NOTICE: requesting service

92-BP

THIS UNIT!

IMPORTANT:

NOTE:



When the ON you he The source board is fare play Playbad

- torted, th the fanfa
- There is r

(4

- keyboard.
- The panel erly.

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 which (if applicable) is soldered in place. The average life 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

SPECIFICATIONS SUBJECT TO CHANGE:

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.

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 NAME PLATE LOCATION: study this manual carefully and consult your dealer before

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:

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 elate to the disposal of products that contain lead, batteries, plastics, etc. If your dealer is unable to assist you, please contact Yamaha directly.

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.

PSS-7 Model

Serial No.

Purchase Date

PLEASE KEEP THIS MANUAL

FCC INFORMATION (U.S.A.)

IMPORTANT NOTICE: DO NOT MODIFY

This product, when installed as indicated in the instructions tions not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

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

ence with other electronic devices. This equipment gener-

ates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may ration of America cause interference harmful to the operation of other elec-

tronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", contained in this manual, meets FCC requirements. Modifica-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.

This product has been tested and found to comply with the If these corrective measures do not produce satisfactory requirements listed in FCC Regulations, Part 15 for Class "B" results, please contact the local retailer authorized to digital devices. Compliance with these requirements provides distribute this type of product. If you can not locate the a reasonable level of assurance that your use of this product appropriate retailer, please contact Yamaha Corporation of in a residential environment will not result in harmful interfer- America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA90620 • This applies only to products distributed by Yamaha Corpo-

Trouble Shooting

Problem	Solution
STAND BY—ON switch is turned ear a "buzz" sound.	This is a result of electricity flowing through the instrument. It is not a problem at all.
und is distorted when the key- s played, and suddenly the fan- ys. ck of Song or Performance is dis- the playback suddenly stops and fare plays.	Battery power is low. Replace all four batteries with a new set of batteries.
no sound when you play on the	You are playing three or more keys at one time. You can only play a maximum of two keys at one time.
el buttons do not function prop-	If a key on the keyboard is held down at the same time you are pressing a button the button may not operate properly.

· x 3) PHRASE GIO 2

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 *i*1~*i*3 button the number of times shown in the list, and then if necessary press the $\times 4$ button the number of times shown in the list.

When the PSS-7 is switched "ON", the first instrument in the *i* list (PI-ANO) will be selected. To slect another voice from the *i***1** list just after the PSS-7 is switched "ON", subtract 1 from the times required to select a voice.

Power

• Using AC Power

Your PSS-7 will run either from batteries or an optional AC adaptor.

Using the PA-3B optional adaptor.

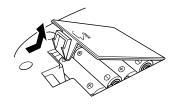
* The AC adaptor is not a toy.

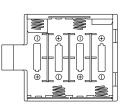
on the rear panel.

MARNING!

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• Using Batteries





mains. The use of other adaptors may result in irreparable damage to both the adaptor and the PSS-7. Turn the PSS-7 upside-down, and remove the battery compart-

Use ONLY a Yamaha PA-3B AC Power Adaptor (or other adaptor specifi-

cally recommended by Yamaha) to power your instrument from the AC

Connect the AC adaptor's DC plug to the DC Inlet Jack located

2 Connect the AC Plug to any convenient AC wall socket.

- ment 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.

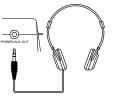
CAUTION!

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 a long time.

• 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.

1 YEAR PARTS

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

(FOR the U.S.A. only)

90 DAYS LABOR

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:

PSS SERIES OF PORTASOUND 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 WAR-RANTY OF MERCHANTABILITY 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.
- 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.
- . 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.
- . 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

Serial #

- . 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

Purchased from_ (Retailer)

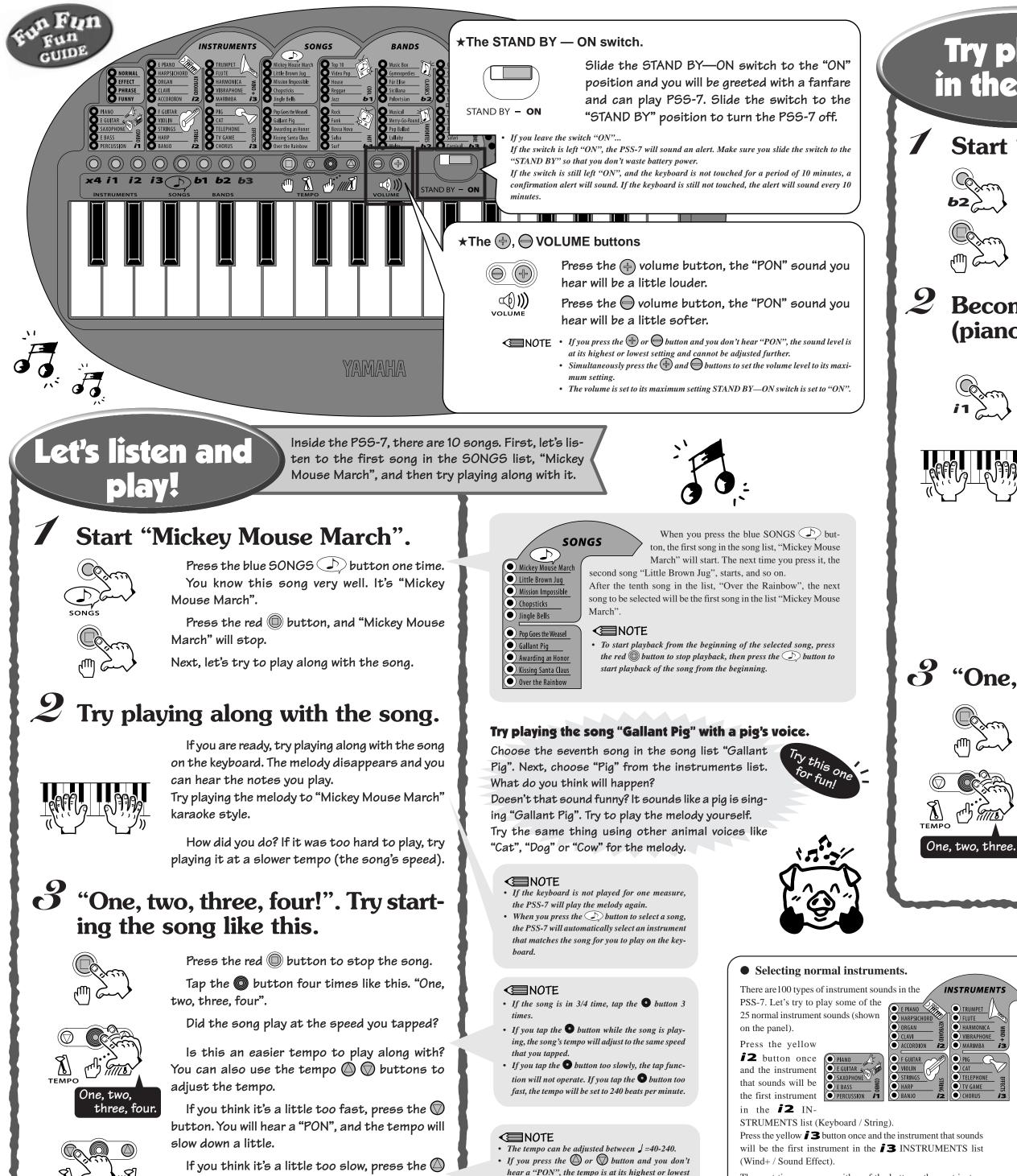
Sales Slip #

YAMAHA CORPORATION OF AMERICA

Electronic Service Division 6600 Orangethorpe Avenue Buena Park, CA 90620

KEEP THIS DOCUMENT FOR YOUR RECORDS. DO NOT MAIL!

Limited Warranty



button. You will hear a "PON", and the tempo will speed up a little.

The next time you press either of the buttons, the next instrusetting and cannot be set any faster or slower. ment in the list will be selected. • Simultaneously press the (2), (2) buttons to return

the tempo to its original setting.

Try playing in the band.

Inside the PSS-7 there are 30 different kinds of band (accompaniment) performances. In the Bands **b1** list you'll find some great rhythms to play along with, **b2** has some nice classic pieces with melodies, and **b3** has some fun pieces to play along with. First, let's listen to "Für Elise", which is the third song in the BANDS **b2** list. Just as if you are a member of a five-piece band (COMBO), play along with the band.

Start "Für Elise".



If you press the green **b2** button three times, the third sona, "Für Elise", in the **b2** list will start playing.

Press the red \bigcirc button, and the band stops playing.

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



Try pressing the yellow **i** button.

What kind of instrument do you hear? Every time you press the *i* button, a differ-

ent instrument plays. Use your ear to find the piano sound, which is the first instrument in the yellow **i 1** list (COMBO).



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

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

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

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

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



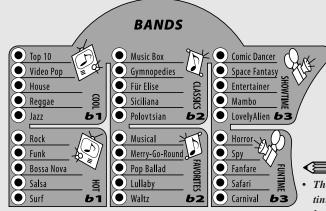
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Press the red \bigcirc button to stop the band.

Tap the 🔘 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 $\bigotimes \bigotimes$ buttons.



When you press the green **b2** button, the first song in the **b2** 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 green **b1** button/ **b3** button, and in the same manner, the first song in the **b1**list/**b3** list will • When you select a hand nerfor start. Also, every time you press the **b1** button/ **b3** button, the next song in the list will start. The first song will be selected after the tenth song in the list.

- The band performance will continue to repeat until the red button is pressed
- To start the band performance from the beginning of the selected performance, press the red Dbutton to stop playback, then press the **b1** - **b3** button to start playback of the performance from the beginning.
- mance, the tempo that matches that performance will be automatically selected.

When you press the *i* **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 **i 1** button list. The combo is a preset band composed of standard instruments.

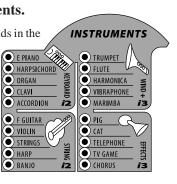


After you select percussion, the next instrument selected will be piano.

< ■NOTE

• If you press the yellow i1, i2 or, i3 button, the selected instrument will sound and then you can play that instrument on the keyboard.

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



• Selecting variation instruments. See the "Instrument List" on the reverse side.

All of the instruments listed on the panel have three variations ($25 \times 3 = 75$ types). х4С 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 $\mathbf{X4}$ button. Every time you press the **×4** button. Normal \rightarrow Effect \rightarrow Phrase \rightarrow Funny \rightarrow Normal \rightarrow ...

variations will be selected in that order.

For example, when the piano (normal) is selected, and the $\mathbf{X4}$ button is pressed,

-						
\rightarrow Sustain Piano \rightarrow Ragtime Piano \rightarrow Game Over \rightarrow Piano						
(Effect)	(Phrase)	(Funny)	(Normal)			
will be selected in	that order.					

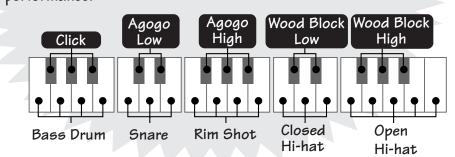
• When you press the **×4** button, the selected instrument will sound and then you can play the instrument



Have fun playing percussion.

Press the yellow i1 button so that "Percussion" is selected, play on the keyboard and you will hear many different percussion instruments.

Press the green **b3** button, and play the "Safari" or "Carnival". OK, are you feeling like a drummer? Let's play along with the band performance.



Try this one for fun!



NORMAL

• EFFECT

• PHRASE

FUNNY