YAMAHA PortaSound PSS-125

OWNER'S MANUAL

Thank you for purchasing a Yamaha PortaSound PSS-125

This PortaSound is an ultra-modern keyboard with a design based on the latest digital technology, which allows you to record and replay your music.
To be sure you get maximum satisfaction from your keyboard,
we suggest you follow the steps in this manual carefully while actually playing the instrument.

Precautions

Your PortaSound will give you years of playing pleasure if you follow the simple rules given below:

1. Use ONLY the optional Yamaha AC adaptors with your PortaSound. Read the adaptor instructions carefully before use.
2. Avoid placing the PortaSound in areas that are subject to excessive humidity or heat.Do not leave the instrument near heaters or in a car exposed to direct sunlight, for example.
3. Do not subject the instrument to strong physical shocks, and avoid placing heavy objects on it, or placing excessive stress on the keys and buttons.
4. Do not use the keyboard in the vicinity of a radio or TV set, as noise may be caused in the radio or TV set.
5. Be sure to turn OFF the power switch after use. It is recommended that the batteries be removed if the instrument is not going to be used for a long time, since the batteries may leak.
6. Use a soft cloth, dry or slightly damp, for cleaning. Never use chemicals such as benzine or thinner.

Before You Begin

<1> When using batteries:
Remove the battery compartment cover on the bottom of the instrument, and insert four 1.5V AA-size (SUM-3, R-6) batteries (sold separately), making sure that the polarities are observed as directed beside the cover. Replace the cover, ensuring that it locks securely in place.

Caution:
* Replace all the batteries at the same time. Using old batteries with new ones might be dangerous.
* Be sure all the polarities are correct. Setting one of the batteries in the wrong direction might be dangerous.

<2> When using the AC adaptor

The Yamaha Power Adaptor PA-1, PA-1B or PA-3 is available for household current. No other adaptor is usable. Connect the adaptor to the terminal on the rear panel of the unit, and plug in the adaptor.

Specifications

Keyboard:	32 keys (F1-C4)
Voice:	8 voices
	Clarinet, Trumpet, Piano, Accordion, Vibraphone, Rock guitar, Mandolin, Fantasy
Rhythm style:	8 styles
	8 beat, 16 beat, Tango, Samba, Swing, March, 12 beat, Waltz
Melody Memory:	REC/END, PLAY/STOP
Voice Variator:	Bright, Mellow, Long, Short
Other Controls:	Tempo Controls, Volume Controls, Demo, Rhythm Start/Stop, Power OFF / NORMAL / AUTO ACCOMP
Drum pad:	Bass Drum, Snare Drum, Claves, Cymbal
Terminal:	DC (9-12V) IN
Main Amplifiers:	0.7W
Speakers:	7.7cm (4 Ω)
Rated Voltage:	DC6V (4 x AA-size, SUM-3, R-6 batteries)
	AC Power Adaptor (PA-1, PA-1B, PA-3)
Power consumption:	
	2.5W(with AC adaptor PA-1)
	0.3W(with battery cells)
Material:	Styrole resin
Dimensions:	59mm (H) x 502mm (W) x 177.5mm (D)
	(2-1/3" (H) x 19-5/6" (W) x 7" (D))
Weight:	1.2kg (2-1/2lb) without batteries

** Specifications are subject to change without notice.

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

Model No. _____ PSS-125 _____

Serial No. _____

Concerning Warranty
This product was made for international distribution, and since the warranty for this type of product varies from marketing area to marketing area, please contact the selling agency for information concerning the applicable warranty and/or service policies.

YAMAHA
YAMAHA CORPORATION
P.O.Box 1, Hamamatsu, Japan

Getting a Great Sound

1.Using the Voice Section

1. Turn the power switch to NORMAL.
2. Choose the voice you want to play from the voice section on the panel, and press the button.
3. Play the keyboard, and the sound you have selected will be produced.

* When the power is turned ON, the clarinet voice is automatically selected.
* You can play up to 6 notes at a time. If you press 7 keys, the first key that you pressed will no longer sound.
* A click sound confirms the operation of the switches.

3.Using the Rhythm Section

1. Pick a rhythm from the rhythm section on the panel, and press the button.

2. Press the [⬛⬛⬛] START/STOP button to start the rhythm.

   You can play the music, accompanied by the selected rhythm.

3. Press the [⬛⬛⬛] START/STOP button again to stop the rhythm.

* When the power is turned on, the 8 beat rhythm is automatically selected.

POWER SWITCH

◄— Auto Accompaniment Section —►
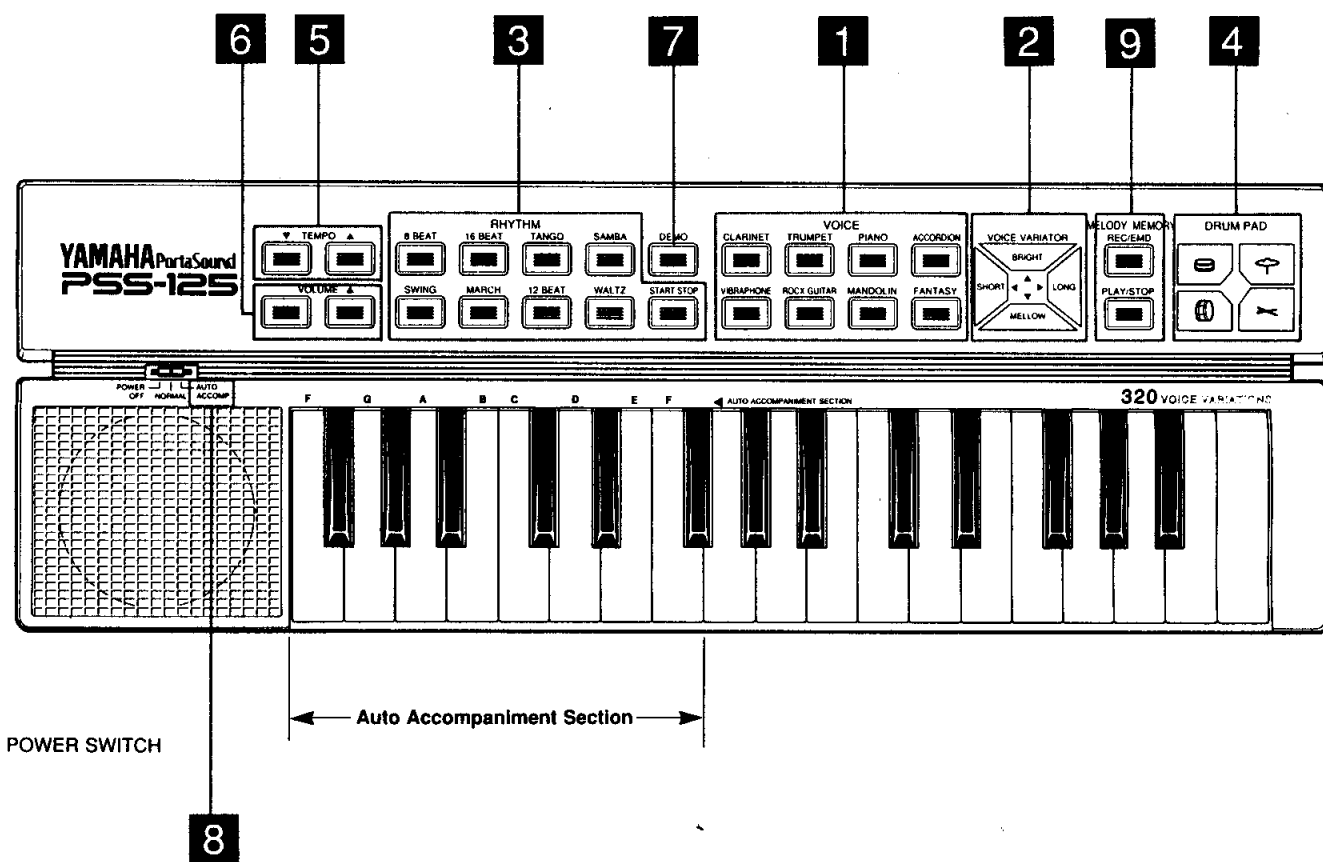
2. Using the Voice Variator Controls

You can change the tone of the voice through 4 variator controls.

* Voice brightness has 8 variations, and voice length has 5 variations.

   Pressing SHORT makes the voice length shorter.
   Pressing LONG makes the voice length longer.
   Pressing BRIGHT makes the voice bright.
   Pressing MELLOW makes the voice mellow.

* When you press the Voice Variator buttons, a click sound will be heard as long as the variation is effective.
* To return to the preset setting,
   – Press the LONG and SHORT buttons at the same time.
   – Press the BRIGHT and MELLOW buttons at the same time.
   – Or press any button in the voice section.

4.Using the Drum Pad Section

You can add drum sounds to the music you are playing or you have recorded, or to the demo songs.
The Drum Pad Section is on the right end on the panel.

Press [⬛] for a Bass Drum sound.

Press [⬛] for a Snare Drum sound.

Press [⬛] for a Claves sound.

Press [⬛] for a Cymbal sound.

* Drum sounds cannot be recorded.
* When playing the drum pads, only two will sound at one time.

5. Using the Tempo Controls

Use the tempo controls to adjust the speed of the rhythm. The tempo can be changed in 16 steps.

Press [▲] to increase the tempo.

Press [▼] to decrease the tempo.

* To return the tempo to the preset setting, press the [▲] and [▼] buttons together.

* A tempo of ♩ = 125 will be set when the power is turned on.

6. Using the Volume Controls

Use the volume controls to adjust the level of the volume.

The level can be changed in 5 steps.

Press [▲] to increase the volume.

Press [▼] to decrease the volume.

* The volume is set to just below maximum when the power is turned on.
* To return the level of the volume to the preset setting, press the [▲] and [▼] buttons together.

7. Playing Back the Demonstration Songs

Press the [DEMO] button to play the demonstration songs.

* To stop the demonstration songs, press the [DEMO] button again.

8. Using The Auto Accompaniment

The auto accompaniment feature makes it easy to produce an accompaniment by pressing a few keys in the Auto Accompaniment section of the keyboard.
1. Turn the power switch to AUTO ACCOMP.
2. Select the voice and rhythm.
3. Press any key in the range of the auto accompaniment section, and the auto accompaniment and rhythm will start automatically.
4. Play the melody with your right hand, accompanied by chords and rhythm produced from the auto accompaniment keys played by your left hand.
* You can play up to 2 melody notes in the auto accompaniment mode. If you press 3 keys, the first key that you pressed will no longer sound.
If you press a "C" key, for example, a C-major accompaniment will be played. Press another key in the auto accompaniment section to select a new chord. The highest key you press will always determine the "root" of the chord played (e.g. "C" for a C chord).
Playing Minor, Seventh, and Minor-seventh Chords
* For a minor chord, press the root key and any black key to its left.
* For a seventh chord, press the root key and any white key to its left.
* For a minor-seventh chord, press the root key and both any white and black keys to its left.
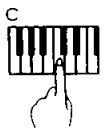
9. Using the Melody Memory

You can record a melody and then play a different harmony in a different voice, accompanied by your recorded melody.
e.g. Playing "Aura Lee"
1. Turn the power switch to NORMAL.
2. Select the trumpet voice by pressing the button in the voice section.
3. Select the 8 beat rhythm by pressing the button in the rhythm section.
4. Press the [REC/END] button, and the metronome will sound. This means that the unit is ready for recording.
5. When you press any key, recording will start.

6. After performing, press the [REC/END] to stop recording.
7. Press the [PLAY/STOP] button to play back.
8. Press the [PLAY/STOP] or [START/STOP] button to stop.

e.g. Playing a harmony over the "Aura Lee" you have just recorded.
9. Turn the power switch to AUTO ACCOMP.
10. Select the accordion voice.
11. Press the [PLAY/STOP], and while listening to the recorded music, play the following harmony with your right hand and the auto accompaniment chords with your left hand.

* You can only record one note at a time in Melody Memory mode, and up to 53 notes can be recorded.
* When recording in Melody Memory mode, AUTO ACCOMPANIMENT will not be recorded.
* When playing a harmony, accompanied by the recorded melody, up to 5 notes will be produced in the NORMAL mode, and one note in the AUTO ACCOMPANIMENT mode.
* The recorded music will be cleared when the power is turned off.

Try playing "Red River Valley" and "I've been working on the railroad".

" RED RIVER VALLEY "

Rhythm : 8 Beat
TEMPO "▼" 2 Times

" I'VE BEEN WORKING ON THE RAILROAD "

Rhythm : March
TEMPO "▼" 1 Time

Troubleshooting

Symptoms	Remedies
* The volume decreases without pressing the volume control button. * The voices sound intermittently.	Replace the batteries with new ones.
* Only a few notes can be heard, even if you press many keys at a time.	The PSS-125 can produce 6 notes at a time in the normal mode. In the auto accompaniment mode, it can produce 2 notes, and 5 notes when playing back the music recorded in the melody memory. Therefore, the first tone sounded will not sound any more when keys exceeding the maximum number are pressed.
* Your performance is not played back as you recorded it.	<1> When recording in a sixteenth-note rhythm style, you cannot record triplets. When recording in a triplet-rhythm style, you cannot record sixteenth notes. <2> You cannot record notes shorter than a sixteenth note (semiquaver) in a sixteenth-note style. You cannot record notes shorter than eighth-note triplet (triplet quaver) in a triplets style.
* No click sound is heard when pressing the buttons.	A click sound is heard only when the buttons are effective. For example, no click sound will be heard when the volume is already set to the maximum.