

YAMAHA

PortaSound

PSS-30

**Owner's Guide
Spielanleitung
Mode d'emploi
Manual del Propietario**

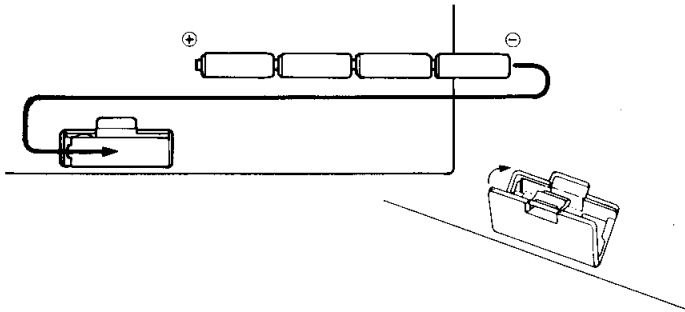
YAMAHA
PortaSound
 PSS-30

Thank you for purchasing a Yamaha PortaSound PSS-30. This PortaSound is an ultra-modern keyboard with a design based on the latest electronics technology. To be sure you get maximum satisfaction, we suggest you follow the steps in this manual carefully while actually playing the instrument.

Before Playing

Inserting batteries

Remove the battery compartment cover on the bottom of the instrument and insert four 1.5V SUM-3 AA-size "R-6" batteries, or equivalent *alkaline* batteries (sold separately), making sure that the polarities are placed as directed inside the compartment. Replace the cover, ensuring that it locks securely in place.



Optional power adaptors

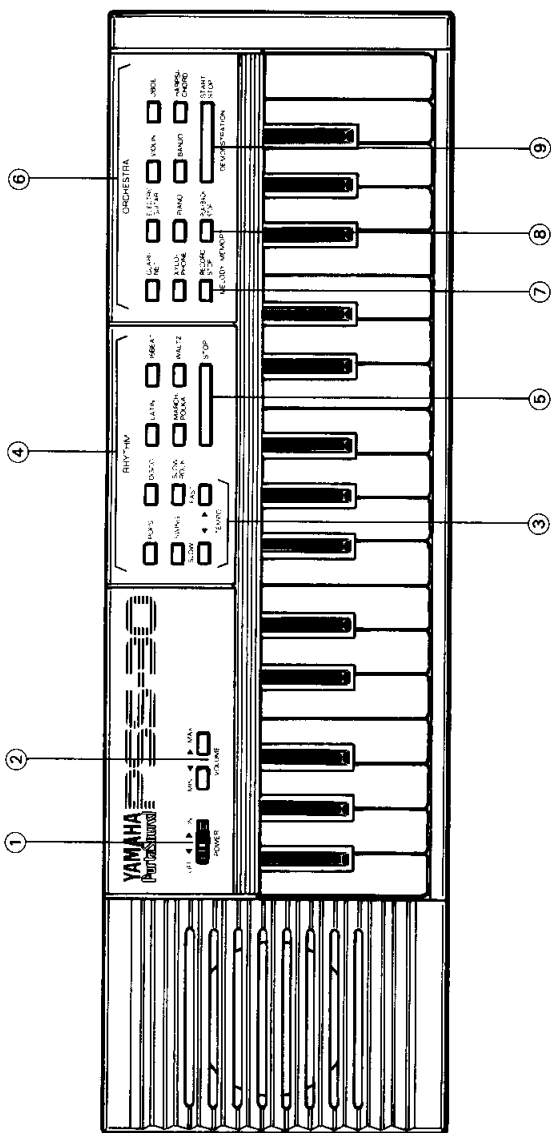
Household current: Power adaptor PA-1/PA-4 or PA-1B is available for household current. No other adaptor is usable, so when you purchase a power adaptor please ensure that it is model PA-1/PA-4 or PA-1B.

Car Battery: Car Battery Adaptor CA-1 plugs into a car cigarette lighter socket.

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Nomenclature



① Power Switch

② Volume Controls

RHYTHM SECTION

③ Tempo Controls

④ Rhythm Selectors

⑤ Rhythm Stop

ORCHESTRA SECTION

⑥ Voice Selectors

MELODY MEMORY SECTION

⑦ Record/Stop

⑧ Playback/Stop

DEMONSTRATION MUSIC SECTION

⑨ Start/Stop

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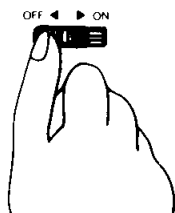
Playing Back the Demonstration Music

The PSS-30 is programmed with a demonstration music piece, "Yankee Doodle". To hear this music, do the following.

1. Switch On

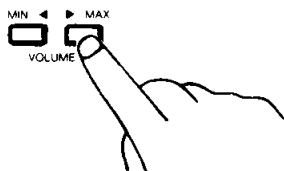
Slide the POWER ON/OFF switch ① to the "ON" position. The power-on light will illuminate.

- If you forget to turn off the power when you've finished using the keyboard, a switch-off alarm warns you after about two minutes, thus preventing battery wastage.

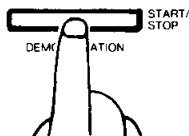


2. Adjust the Volume

When the power is turned on, the volume is set at maximum. To adjust the level, use the VOLUME control ②, which allows you to select four volume levels. Press the control with the < symbol to lower the volume. At the lowest setting, the keyboard sound is still audible.



3. Press the DEMONSTRATION START/STOP selector "Yankee Doodle" will start to play as soon as you press this selector ③.



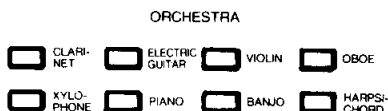
- The music will be played automatically and repeatedly.
- To stop the music, press the START/STOP selector again.
- You can change the programmed rhythm and tempo—but not the voice—as you like. However, you shouldn't switch from a 4-beat to a 3-beat rhythm, or vice versa, since the beats do not match.
- You can enjoy playing along with a different voice while the Demonstration Music is being played.

How to Use the Orchestra and Rhythm Sections

(A) Orchestra Section

Select an instrument voice

You can choose any of eight voices using the voice selectors ⑥ in the ORCHESTRA section. Adjust the volume using the VOLUME control ②.

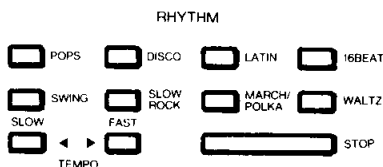


- Up to two notes can be played at the same time.
- Vibrato is built-in for the Violin and Electric Guitar voices.

(B) Rhythm Section

1. Choose a rhythm

Pick the rhythm that best suits the music you're going to play by pressing the appropriate RHYTHM selector ④.



2. Tempo adjustment

Use the TEMPO controls ③ to adjust the speed of the rhythm. You can increase the tempo in 8 steps ($\text{♩} = 230$) with the ^{FAST} control, and reduce it in 7 steps ($\text{♩} = 40$) with the ^{SLOW} control.

When you press both controls together, the tempo will return to the preset setting ($\text{♩} = 110$).

3. Stopping the rhythm

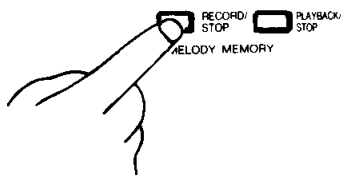
- Press the STOP selector ⑤ to stop the rhythm.

How to Use the Melody Memory

You'll get a lot of fun out of your PortaSound with the Melody Memory feature, which functions like a mini-recording studio.

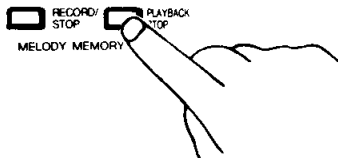
1. Recording your melody

To record a melody, first press the RECORD/STOP selector ⑦ in the MELODY MEMORY section. Adjust the tempo as you wish, then play the music. When you've finished, press the RECORD/STOP selector again.



2. Playback of your recording

Press the MELODY MEMORY section's PLAYBACK/STOP selector ⑧, and the melody will automatically be played back. To stop playback at any time, press the PLAYBACK/STOP selector once more.



- You cannot change to any other instrument voice during playback.
- Up to 110 notes can be memorized at one time.
- In the playback mode, try playing a counter-melody along with your recorded music using any voice you like—you'll get an interesting effect.
- The Melody Memory is cancelled when the power is turned off.
- When you press the RECORD/STOP selector, any recorded music will remain stored in the memory until you play one of the keys, at which time it will be erased.
- Your PortaSound's digital technology enables the keyboard to respond to two "commands" simultaneously. This means, for example, that you cannot change to a different voice while you're pressing two of the keys, or you can't play a note while pressing two function selectors.

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Making Use of the DC IN Jack

You'll find a jack on the left side of the instrument. This jack is for connecting an external power source.

DC 9–12V IN JACK

- **AC power**
Connect the optional AC Power Adaptor PA-1/PA-4 or PA-1B to the DC 9–12V IN jack.
- **Car battery**
The Car Battery Adaptor CA-1 plugs into the DC 9–12V IN jack and a car cigarette lighter socket.

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Optional Accessories

- **AC Power Adaptor (PA-1/PA-4/PA-1B)**
Transforms AC voltage to DC voltage.
- **Car Battery Adaptor (CA-1)**
Enables you to provide power to the instrument from a car battery using the cigarette lighter socket.

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Taking Care of Your PortaSound

Your PortaSound will remain in excellent playing condition if care is taken concerning the following.

- 1) When you use AC power or a car battery, be sure to use the optional PortaSound adaptors. Before use, read the adaptor instructions carefully.
- 2) The optional car battery adaptor is only for use with a negative ground 12V battery. Ensure that this is the case before connecting the adaptor.
- 3) Avoid placing the instrument in excessively humid areas.
- 4) Do not subject the unit to physical shock, and avoid placing anything heavy on it.
- 5) The PortaSound should not be placed in direct sunlight for a long time.

- 6) Do not place the instrument near any heating appliance, or leave it inside a car in direct sunlight for any length of time. Direct sunshine can raise the interior temperature of a car with closed doors and windows to as high as 80°C (176°F). Temperatures in excess of 60°C (140°F) can cause physical and/or electrical damage not covered by warranty.
- 7) Use a dry or damp cloth for cleaning.

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Specifications

Keyboard

32 keys (F₂—C₅)

Orchestra Voices

Clarinet, Electric Guitar, Violin, Oboe, Xylophone, Piano, Banjo, Harpsichord

Rhythm Section

Pops, Disco, Latin, 16 Beat, Swing, Slow Rock, March/Polka, Waltz

Controls: Tempo (Slow, Fast), Stop

Other Controls And Indicators

Power Switch, Power-on Light, Master Volume, Demonstration Start/Stop

Melody Memory

Record/Stop, Playback/Stop

Auxiliary Jack

DC 9—12V In

Main Amplifier

0.5W (RMS)

Speaker

6 cm (2-3/8"), 8 ohms

Rated Voltage

DC 6V (Four SUM-3, "AA" size, R-6 or equivalent batteries), AC Power Adaptor (PA-1/PA-4/PA-1B) or Car Battery Adaptor (CA-1)

Dimensions

378.5 mm (W) × 116 mm (D) × 38 mm (H)
(14-7/8" × 4-5/8" × 1-1/2")

Weight

0.48 kg (1.1 lbs.) excluding batteries

Specifications are subject to change without notice.

**Attention users in the U.S.A.
PortaSound PSS-30 prepared in accordance
with FCC rules.**

The PortaSound PSS-30 uses frequencies that appear in the radio frequency range, and if installed in the immediate proximity (within three meters) of some types of audio or video devices interference may occur.

The PortaSound PSS-30 has been type tested and found to comply with the specifications set for a Class B computing device in accordance with those specifications listed in Subpart J of Part 15 of the FCC rules. These rules are designed to provide a reasonable measure of protection against such interference. However, this does not guarantee that interference will not occur. If your PortaSound PSS-30 should be suspected of causing interference with other electronic devices, verification can be made by turning your PortaSound PSS-30 off and on. If the interference continues when your PortaSound PSS-30 is off, the PortaSound PSS-30 is not the source of the interference. If your PortaSound PSS-30 does appear to be the source of the interference, you should try to correct the situation by using one or more of the following measures:

Relocate either the PortaSound PSS-30 or the electronic device that is being affected by the interference.

Utilize power outlets for the PortaSound PSS-30 and the device being affected that are on different branch (circuit breaker or fuse) circuits, or install A/C line filters.

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

If these corrective measures do not produce satisfactory results, please contact your Authorized Yamaha Consumer Products dealer for suggestions and/or corrective measures. If you cannot locate an Authorized Yamaha Consumer Products dealer in your general area, contact the Consumer Products Service Center, Yamaha Music Corporation, 6600 Orangethorpe Ave., Buena Park, CA 90620.

If for any reason you should need additional information relating to radio or TV interference, you may find a booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402—Stock #004-000-345-4.

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-30
Serial No. _____

Die Seriennummer befindet sich an der Unterseite des Instrumentes. Wir empfehlen, diese Nummer sicherheitshalber an der unten vorgesehenen Stelle einzutragen, um sie auch im Falle eines Diebstahls jederzeit zur Hand zu haben.

Modell-Nr. PSS-30
Serien-Nr. _____

Le numéro de série de ce produit figure sur le socle de l'appareil. Il conviendra de noter ce numéro de série dans l'espace réservé au-dessous et de conserver ce manuel: celui-ci constitue le document permanent de votre achat et permet l'identification en cas de vol.

Modèle No. PSS-30
No. desérie: _____

El número de serie de este producto se encuentra en la parte inferior de la unidad. Sírvase anotar este número de serie en el espacio proporcionado debajo y guarde este manual como comprobante de compra, para ayudar a la identificación en caso de robo.

N° de modelo PSS-30
N° de serie _____

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.

Hinweis zur Garantie

Dieses Produkt wird international vertrieben, und die Garantiebedingungen sind von Vertriebsland zu Vertriebsland verschieden. Ihr Händler gibt Ihnen gerne genauere Informationen zu den in Ihrem Land gültigen Garantie- und/oder Servicebedingungen.

Remarque relative à la garantie

Ce modèle est destiné à être distribué à l'échelle internationale. Etant donné que les conditions de garantie pour ce type de produit varient en fonction des zones de commercialisation, prière de prendre contact avec l'agence chargée des ventes pour tous renseignements relatifs aux conditions de garantie et de service après-vente.

Concerniente a la garantía

Este producto ha sido fabricado para ser distribuido internacionalmente y, como la garantía para este tipo de producto varía en relación a su área de comercialización, sírvase consultar con el agente de ventas sobre la información en torno a la garantía aplicable y/o políticas de servicio.

SINCE 1887



YAMAHA

NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN