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## Yamaha NP31

# Yamaha Piaggero NP31 76-Key Portable Keyboard Instruction Manual

Model: NP31 | Brand: Yamaha

## 1. INTRODUCTION

The Yamaha Piaggero NP31 is a lightweight, compact, and portable digital keyboard designed to offer the authentic sound and feel of a Yamaha piano. Featuring 76 Graded Soft Touch keys and Advanced Wave Memory (AWM) Stereo Sampling, it provides a responsive and dynamic playing experience. This manual provides essential information for setting up, operating, and maintaining your NP31 keyboard.



Figure 1: Front view of the Yamaha Piaggero NP31 76-Key Portable Keyboard.

## 2. SETUP

### 2.1 Powering the Keyboard

The NP31 can be powered in two ways:

- **AC Adaptor:** Connect a compatible Yamaha PA150MM Keyboard AC Power Adapter (not included) to the DC IN jack on the rear panel.
- **Batteries:** The keyboard operates on 6 AA batteries (CR123A batteries required, not included). Insert them into the battery compartment located on the underside of the unit.

Note: The keyboard does not fully power off when plugged in or on batteries; it enters a standby mode. Always unplug the AC adaptor or remove batteries when not in use for extended periods to prevent power drain.

### 2.2 Connecting Accessories

The NP31 features several connectivity options:

- **Sustain Pedal:** An optional sustain pedal (FC3A/FC4A/FC5) can be connected to the SUSTAIN jack for enhanced expressive control.
- **Headphones:** For private practice, connect standard 3.5mm headphones to the HEADPHONES jack.
- **USB to Host:** Connect the keyboard to a computer or iOS device using a USB cable for MIDI functionality and to interact with compatible applications.



Figure 2: Rear panel connections including power, sustain, and USB ports.

## 3. OPERATING THE KEYBOARD

### 3.1 Basic Controls

The control panel is designed for intuitive operation:

- **Power Button:** Press and hold to turn the keyboard on or off.
- **Master Volume Knob:** Adjusts the overall output volume of the speakers and headphone jack.



Figure 3: Detailed view of the control panel.

### 3.2 Voice Selection

The NP31 offers 10 instrument voices. Use the dedicated buttons on the control panel to select your desired voice:

- **Piano:** Two distinct piano voices.
- **Electric Piano:** Two electric piano voices.
- **Organ:** Two organ voices.
- **Strings:** A rich string ensemble.
- **Vibraphone:** A classic vibraphone sound.
- **Harpichord:** Two harpsichord voices.

### 3.3 Dual Voice Function

The Dual Voice function allows you to layer two different instrument voices simultaneously, creating a richer and more complex sound. Refer to the full user manual for specific instructions on activating and combining voices.

### 3.4 Metronome and Transpose Functions

The NP31 includes useful tools for practice and performance:

- **Metronome:** A built-in metronome with adjustable tempo and time signature helps maintain rhythm during practice.
- **Transpose:** The transpose function allows you to shift the pitch of the entire keyboard up or down, useful for playing with other instruments or adapting to different vocal ranges.

### 3.5 Recording Function

Capture your performances with the easy-to-use recording function. This allows for instant playback, aiding in self-assessment and musical development.

### 3.6 Smart Device Connectivity

Connect your NP31 to a computer or iOS device via the USB port to access a range of Yamaha applications. These apps can enhance your playing experience, offer additional learning tools, and provide more control over the keyboard's features.

Video 1: Overview of Yamaha Piaggero NP12 and NP32 features, including sound, keys, and connectivity. Note: NP31 shares many similar features.

Video 2: Introduction to the Yamaha Piaggero NP35 and NP15 Portable Piano Keyboards, highlighting portability, sound quality, and simple operation. Note: NP31 shares many similar features.

## 4. MAINTENANCE

To ensure the longevity and optimal performance of your Yamaha Piaggero NP31, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the keyboard. Avoid abrasive cleaners, solvents, or polishes that could damage the finish.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for an extended period, remove the batteries.
- **Handling:** Handle the keyboard with care to prevent physical damage. Avoid placing heavy objects on it or exposing it to excessive force.

## 5. TROUBLESHOOTING

If you encounter any issues with your NP31, consider the following basic troubleshooting steps:

- **No Power:** Ensure the AC adapter is securely connected and plugged into a working outlet, or check if the batteries are correctly inserted and not depleted.
- **No Sound:** Verify that the master volume is turned up and that headphones are not connected if you intend to use the built-in speakers. Check cable connections if using external audio equipment.
- **Keys Not Responding:** Ensure the keyboard is powered on. If specific keys are unresponsive, consult the full user manual or Yamaha support.
- **Unusual Sounds:** Turn off the keyboard, then turn it back on. If the issue persists, contact Yamaha customer support.

## 6. SPECIFICATIONS

Feature	Specification
Model Name	NP31
Number of Keys	76
Key Type	Graded Soft Touch keyboard
Sound Engine	Advanced Wave Memory (AWM) Stereo Sampling
Built-in Speakers	Yes (Stereo speaker system)
Amplifier Output	6W x 2
Power Source	AC Adaptor (Yamaha PA150MM, not included) or 6 AA Batteries (CR123A, required)
Connectivity	3.5mm Headphone Jack, USB to Host, Sustain Pedal Input

Dimensions (L x W x H)	54.88 x 14.61 x 7.87 inches
Item Weight	19.18 pounds
Color	Black

## 7. WARRANTY AND SUPPORT

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For warranty information, product registration, or technical support, please refer to the official Yamaha website or the documentation included with your purchase. Keep your proof of purchase for warranty claims.

Online resources, including FAQs and additional user guides, may be available on the Yamaha support portal.