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Certified Brands NPK-20

NUX NPK-20 Portable Digital Piano User Manual

Model: NPK-20

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your NUX NPK-20 Portable Digital Piano. Please read this manual thoroughly before using the product to ensure correct and safe operation. Keep this manual for future reference.

2. SAFETY INFORMATION

- **Power Supply:** Use only the specified power adapter. Ensure the voltage matches the requirements of your region.
- **Placement:** Place the instrument on a stable, level surface. Avoid direct sunlight, heat sources, and excessive humidity.
- **Moisture:** Do not expose the instrument to rain or moisture. Do not place objects containing liquids on the instrument.
- **Cleaning:** Clean only with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Servicing:** Do not attempt to service the instrument yourself. Refer all servicing to qualified personnel.
- **Children:** Keep small parts and packaging materials away from children to prevent choking hazards.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- NUX NPK-20 Portable Digital Piano
- Wooden Piano Stand with 3 Pedals (Sustain, Sostenuto, Soft)
- Padded Piano Bench

- True Fidelity Noise Canceling Headphones
- Music Rest
- Power Adapter
- User Manual (this document)



Image 3.1: Complete NUX NPK-20 Digital Piano bundle, including the piano, wooden stand with three pedals, padded bench, and noise-canceling headphones.

4. PRODUCT OVERVIEW

The NUX NPK-20 is an 88-key portable digital piano featuring a WKJ-03 Triple-sensor scaled hammer-action weighted keyboard. It offers a wide range of sounds and connectivity options for various musical applications.

4.1. Digital Piano Components



Image 4.1: Top view of the NUX NPK-20 Digital Piano, showing the 88-key keyboard and the control panel with various buttons and knobs.



Image 4.2: Close-up view of the NPK-20's control panel, highlighting the display screen, rotary encoder, and various function buttons for sound selection, effects, and settings.

4.2. Rear Panel Connections



Image 4.3: Rear view of the NUX NPK-20, displaying the various input/output ports including USB, MIDI, Aux In, Line Out, headphone jacks, and pedal unit jack.

4.3. Pedals



Image 4.4: Close-up of the three integrated pedals (sustain, sostenuto, soft) on the wooden piano stand, designed for expressive playing.

4.4. Headphones



Image 4.5: Foldable noise-canceling headphones, included for private practice and immersive sound experience.

5. SETUP

5.1. Assembling the Wooden Stand and Pedals

1. Unpack all components of the wooden stand and pedals.
2. Follow the included assembly instructions for the stand. Ensure all screws are securely tightened.
3. Connect the pedal unit cable from the stand to the designated pedal-unit jack on the rear of the NPK-20 digital piano.



Image 5.1: Diagram illustrating the internal WKJ-03 Triple-Sensor Graded Hammer-Action Weighted Keyboard mechanism, designed to replicate the feel of an acoustic grand piano.

5.2. Placing the Digital Piano

1. Carefully place the NPK-20 digital piano onto the assembled wooden stand. Ensure it is seated correctly and securely.
2. Attach the music rest to the designated slot on the piano.

5.3. Power Connection

1. Connect the power adapter to the DC IN jack on the rear of the piano.
2. Plug the power adapter into a suitable electrical outlet.

5.4. Assembling the Padded Bench

1. Unpack the padded bench components.
2. Assemble the bench according to the provided instructions, ensuring all legs are firmly attached.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

Press the **POWER** button located on the control panel to turn the piano on or off. The display will illuminate upon power-on.

6.2. Basic Playback

- **Volume:** Use the master volume knob to adjust the overall output level.

- **Sound Selection:** The NPK-20 features 271 high-quality sounds. Use the dedicated sound category buttons or the rotary encoder to browse and select different instrument voices.
- **Touch Sensitivity:** Adjust the 5-level touch sensitivity to match your playing style. This setting controls how the piano responds to the force of your key presses.
- **Transpose:** Use the transpose function to shift the pitch of the entire keyboard up or down in semitone steps.
- **Split Keyboard:** Divide the keyboard into two sections, each with its own sound and octave shift, for duet playing or layered performances.

6.3. Advanced Features

The NPK-20 offers a range of professional features for sound customization:

- **Reverb:** Choose from 4 reverb types (Hall, Plate, Room, Studio) to add spatial depth to your sound. Adjust parameters like pre-delay and decay time.
- **Compressor:** Apply one of 4 compressor types (Soft, R&B, Lyric Piano, Standard Piano) to control the dynamic range of your playing.
- **Chorus & Delay:** Utilize 4-parameter chorus and 4-parameter delay effects to enrich your sound.
- **9-Band EQ:** Fine-tune your sound with the built-in 9-band equalizer. Custom settings can be saved.
- **Looping:** Record and loop your playing to create layered performances or practice with accompaniment.
- **Drum Machine:** The NPK-20 can function as a drum machine, providing rhythmic accompaniment.
- **MIC Input:** Connect a microphone to the MIC input and adjust the gain for singing or vocal performances.



Image 6.1: Display interface of the NPK-20 showing various effect settings, including reverb, compressor, chorus, and delay parameters.

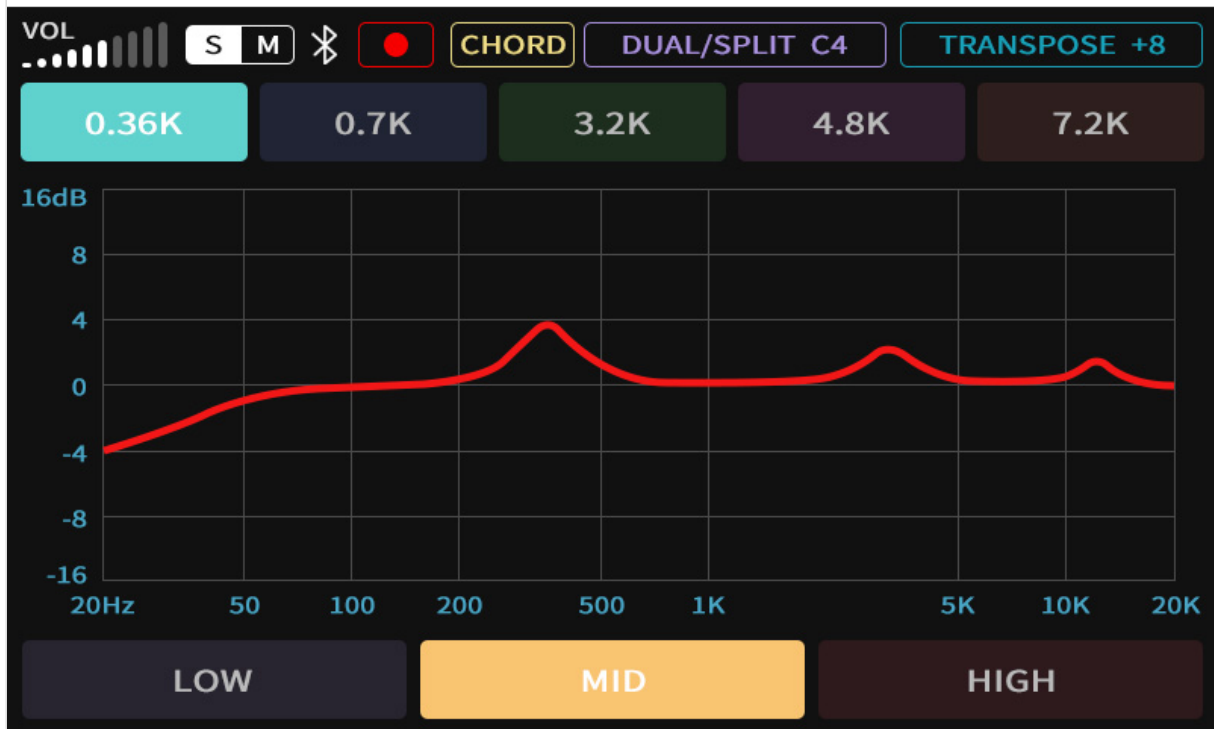


Image 6.2: Display interface of the NPK-20 showing the 9-band equalizer, allowing for detailed frequency adjustments to the sound.

6.4. Bluetooth Connectivity

- **Bluetooth Audio:** Pair your smartphone or tablet with the NPK-20 via Bluetooth to stream audio. This allows you to play along with your favorite songs through the piano's speakers or connected headphones.
- **Bluetooth MIDI:** Connect to MIDI applications on your smart device wirelessly for expanded control and learning features.

6.5. Other Connectivity

- **USB MIDI:** Connect the NPK-20 to a computer via USB for MIDI data transfer, allowing use with DAWs and music software.
- **Aux In:** Connect external audio devices (e.g., MP3 player) to the Aux In jack to play audio through the piano.
- **Line Out (L/MONO, R):** Connect the piano to external amplification systems or recording equipment.
- **Headphone Jacks:** Two headphone jacks are provided for private practice or silent monitoring.

7. MAINTENANCE

- **Cleaning:** Wipe the piano's surface with a soft, dry, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water, then wipe dry immediately. Avoid using chemical cleaners.
- **Storage:** When not in use for extended periods, disconnect the power adapter. Store the instrument in a clean, dry environment away from extreme temperatures.
- **Key Maintenance:** Keep the keys clean. Avoid pressing keys with excessive force or placing heavy

objects on them.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound	Volume too low; headphones connected; power issue	Increase master volume; disconnect headphones; check power connection.
Keys not responding	Instrument not powered on; internal error	Ensure power is on; power cycle the instrument. If issue persists, contact support.
Bluetooth connection fails	Device too far; Bluetooth not enabled; interference	Ensure device is within range; enable Bluetooth on both devices; restart both devices.
Pedals not working	Pedal unit cable disconnected	Check that the pedal unit cable is securely connected to the piano's rear jack.

9. SPECIFICATIONS

- **Model:** NPK-20
- **Keys:** 88, WKJ-03 Triple-sensor scaled hammer-action weighted keys
- **Touch Sensitivity:** 5 levels
- **Sounds:** 271 high-quality sounds
- **Effects:** 4 Reverb types, 4 Compressor types, 4-parameter Chorus, 4-parameter Delay, 9-band EQ
- **Connectivity:** Bluetooth (Audio & MIDI), USB MIDI, Aux In, Line Out (L/MONO, R), 2 Headphone jacks, Damper pedal jack, Pedal-unit jack
- **Power Source:** Corded Electric (12V, 24W)
- **Dimensions (Piano):** 51.2" (W) x 10.63" (D) x 5.1" (H)
- **Material:** Plastic, Wood
- **Manufacturer:** Certified Brands
- **UPC:** 810143434651



Image 9.1: Diagram illustrating the dimensions of the NUX NPK-20 Digital Piano: 51.2 inches wide, 10.63 inches deep, and 5.1 inches high.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Certified Brands customer service. Keep your proof of purchase for warranty claims.