Nelko PM220

Nelko PM220 Bluetooth Thermal Label Printer User Manual

Model: PM220

1. INTRODUCTION

Thank you for choosing the Nelko PM220 Bluetooth Thermal Label Printer. This portable device is designed for efficient label printing without the need for ink cartridges, making it ideal for small businesses, address labeling, logo printing, and various organizational tasks. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

2. PRODUCT OVERVIEW

The Nelko PM220 is a compact thermal label printer that connects wirelessly via Bluetooth to your smartphone or PC. It supports various label sizes and offers clear, high-resolution printing for text, barcodes, and QR codes.

2.1 Package Contents

- Nelko PM220 Label Printer
- Label Paper Roll (starter roll)
- USB Charging Cable
- User Manual

Figure 1: The Nelko PM220 Bluetooth Thermal Label Printer shown with a roll of blank labels. The printer features a sleek navy blue design with a power button and a paper feed button on the front panel.

3. SETUP GUIDE

3.1 Loading Label Tape

1. Open the printer cover by gently pushing the release button or lifting the designated area.

2. Insert the label roll into the paper bin, ensuring the labels face upwards and the leading edge extends slightly out of the printer slot.

3. Adjust the paper slot guide to the right to ensure the label paper is tightly attached to the far right side of the paper bin, preventing misalignment during printing.
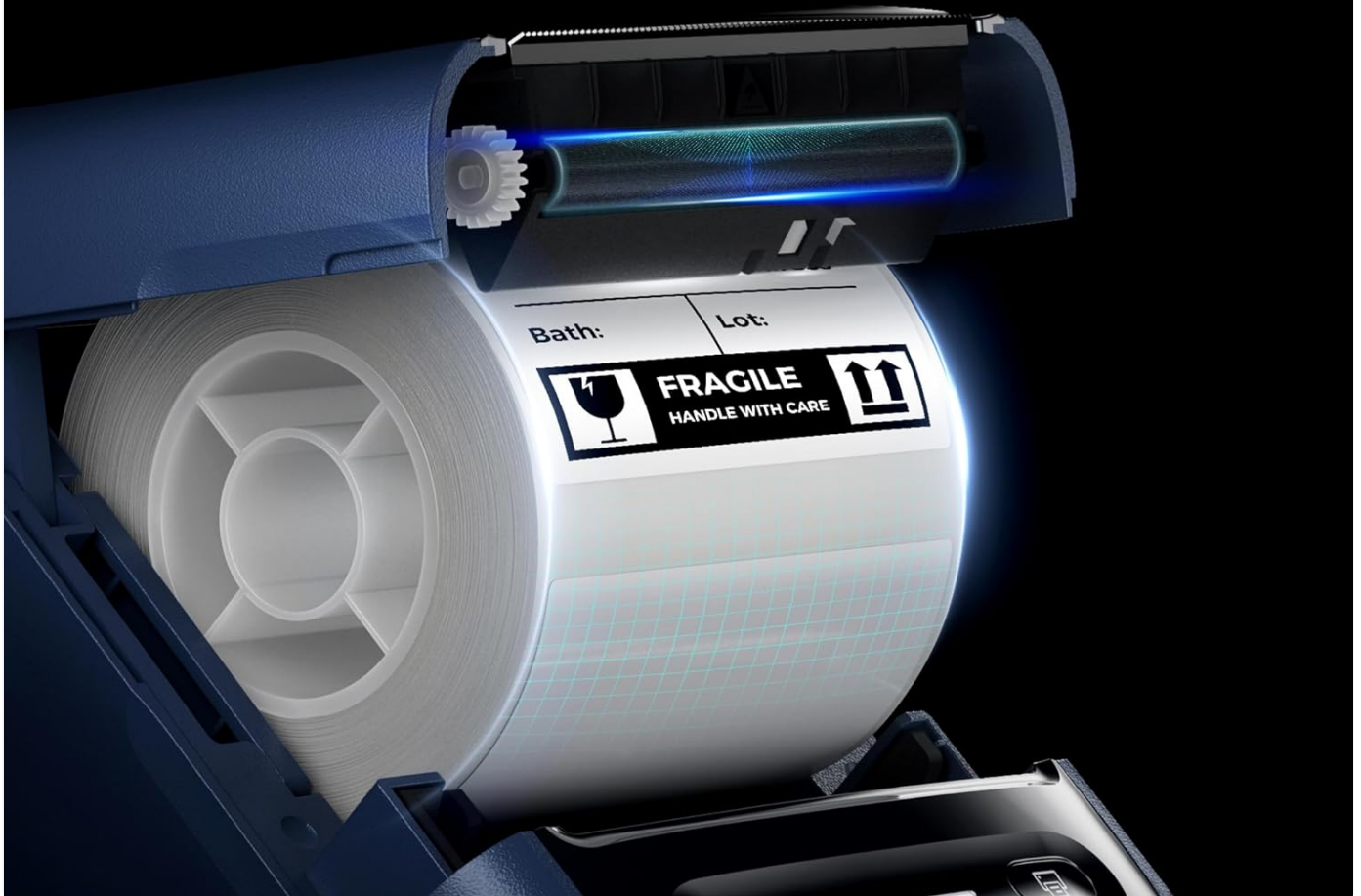
4. Close the printer cover securely.

Figure 2: A label roll being correctly inserted into the paper compartment of the Nelko PM220 printer. The roll is placed with the labels facing upwards.

Figure 3: A close-up view demonstrating how to adjust the paper slot guide within the Nelko PM220 printer. The guide is moved to the right to secure the label roll.

3.2 Connecting to Power

1. Connect the provided USB charging cable to the printer's charging port.

2. Plug the other end of the USB cable into a compatible USB power adapter (not included) or a computer's USB port.

3. Allow the printer to charge fully before first use. The indicator light will typically change color to indicate a full charge.

3.3 App Installation and Bluetooth Pairing

1. Download the official Nelko label printing application from your device's app store (e.g., Apple App Store for iOS, Google Play Store for Android). For PC connectivity, download the appropriate driver and software from the official Nelko website.

2. Ensure Bluetooth is enabled on your smartphone or PC.

3. Power on the Nelko PM220 printer by pressing and holding the power button until the indicator light illuminates.

4. Open the Nelko app (or PC software) and navigate to the device connection section.

5. Search for available Bluetooth devices and select 'Nelko PM220' from the list.

6. Follow any on-screen prompts to complete the pairing process. A successful connection will be indicated by a change in the printer's indicator light or a message within the app.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press and hold the power button for approximately 2-3 seconds until the indicator light turns on.
- **To Power Off:** Press and hold the power button for approximately 2-3 seconds until the indicator light turns off.

4.2 Printing a Label

1. Ensure the printer is powered on and successfully connected to your device via Bluetooth.

2. Open the Nelko app or PC software.

3. Select your desired label template or create a new label design.

4. Enter the text, add images, barcodes, or QR codes as needed.

5. Adjust label size and print settings within the app to match the loaded label tape.

6. Preview the label to ensure accuracy.

7. Tap the 'Print' button in the app. The printer will feed and print the label.

8. Carefully tear off the printed label along the serrated edge.

Figure 4: The Nelko PM220 printer actively printing various labels, including shipping labels, product labels, and decorative stickers, demonstrating its versatility.

5. MAINTENANCE

5.1 Cleaning the Print Head

Regular cleaning of the print head ensures optimal print quality and extends the life of your printer. Use a soft, lint-free cloth lightly dampened with isopropyl alcohol.

1. Ensure the printer is powered off and disconnected from power.

2. Open the printer cover.

3. Gently wipe the print head surface with the dampened cloth. Avoid touching the print head with bare hands.

4. Allow the print head to dry completely before closing the cover and powering on the printer.

5.2 Storage

Store the printer in a cool, dry place away from direct sunlight and extreme temperatures. Remove any label rolls if storing for an extended period.

6. TROUBLESHOOTING

If you encounter issues with your Nelko PM220 printer, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Printer does not power on	Low battery or no power connection	Charge the printer using the provided USB cable. Ensure the power adapter is working.
Cannot connect via Bluetooth	Bluetooth is off, printer is not in pairing mode, or incorrect device selected	Ensure Bluetooth is enabled on your device. Restart the printer and try pairing again. Verify you are selecting 'Nelko PM220'.
Poor print quality (faint, blurry)	Dirty print head, incorrect label type, or low battery	Clean the print head as described in Section 5.1. Ensure you are using thermal labels. Charge the printer.
Labels are not feeding correctly	Label roll improperly loaded or paper slot not adjusted	Re-load the label roll, ensuring it is seated correctly and the paper slot guide is adjusted tightly against the roll (refer to Section 3.1).
Printer stops printing mid-label	Out of labels or low battery	Replace the label roll. Charge the printer.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Nelko
Model Name	PM220
Printing Technology	Thermal
Connectivity Technology	Bluetooth
Printer Output	Monochrome
Maximum Black and White Print Resolution	203 dpi
Max Printspeed Monochrome	45 mm/s
Supported Media Sizes	23-54mm (width)
Product Dimensions	13.3 x 8 x 10.2 inches
Item Weight	13.4 ounces
Printer Ink Type	No Ink (Thermal)

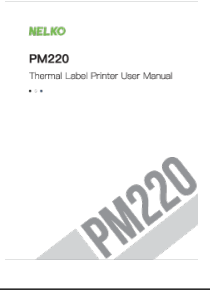| Feature	Specification
Included Components	Printer, Paper

8. WARRANTY AND SUPPORT

Nelko products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your purchase or visit the official Nelko website. If you require technical assistance or have questions not covered in this manual, please contact Nelko customer support through their official channels.

Online Support: Visit the official Nelko website for FAQs, drivers, and software downloads.

Email Support: Refer to your product packaging or the official website for customer service email addresses.

Related Documents - PM220

NELKO PM220 Thermal Label Printer User Manual	[NELKO PM220 Thermal Label Printer User Manual - Setup, Operation & Maintenance](#) Comprehensive user manual for the NELKO PM220 Thermal Label Printer. Learn about safety precautions, specifications, setup, app connection, printing, maintenance, and troubleshooting.
NELKO PM220 Thermal Label Printer User Manual	[NELKO PM220 Thermal Label Printer User Manual](#) User manual for the NELKO PM220 Thermal Label Printer, covering setup, specifications, operation, maintenance, and troubleshooting. Learn how to use your label printer effectively.
Portable Label Maker Read thoroughly before using Thanks for choosing P21 printer	[NELKO P21 Portable Label Maker User Guide](#) Comprehensive user manual for the NELKO P21 portable label maker, covering setup, app connection, label creation, printing, troubleshooting, and warranty information.
Print using Bluetooth Function via Phone Search for "Nelko" on Google Play or App Store and install	[Nelko P21 Bluetooth Label Maker: Quick Start Guide for Printing Labels](#) Learn how to use the Nelko P21 portable Bluetooth label maker. This guide covers app installation, device connection, label design, and printing via your smartphone.

	[NELKO P21 Portable Label Maker User Manual and Specifications](#) Comprehensive guide for the NELKO P21 Portable Label Maker, covering setup, operation, troubleshooting, technical specifications, and safety guidelines.
	[NELKO P21 Portable Label Maker User Guide](#) A comprehensive guide to using the NELKO P21 portable label maker, covering setup, app connection, label creation, and printing. Learn how to design and print custom labels for various organizational needs.