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NelkoGlobal 243BT-BK

NelkoGlobal Bluetooth Thermal Shipping Label Printer User Manual

Model: 243BT-BK

1. Introduction

Thank you for choosing the NelkoGlobal Bluetooth Thermal Shipping Label Printer. This compact and efficient printer is designed to streamline your shipping and labeling needs for small businesses, e-commerce, and home use. Utilizing advanced thermal printing technology, it eliminates the need for ink or toner, providing a clean and cost-effective printing solution. With dual connectivity options (Bluetooth and USB) and broad compatibility across various operating systems and e-commerce platforms, this printer offers convenience and high-quality output.



The NelkoGlobal Bluetooth Thermal Shipping Label Printer in operation, demonstrating its compact design and wireless printing capability. A 4x6 thermal label is shown being printed, with a smartphone displaying the Labelife app interface.



The NelkoGlobal thermal label printer is depicted in a home or office setting, highlighting its suitability for various environments. Icons indicate its inkless operation, portability, and cost-saving benefits.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x 243BT Bluetooth Label Printer
- 1 x User Manual
- 1 x Power Cable
- 1 x USB Cable
- 1 x Power Adapter
- 1 x Type-C Adapter
- Random Thermal Labels (for initial testing)



An illustration showing all components included in the NelkoGlobal thermal label printer package: the printer unit, power cord, USB cable, Type-C adapter, power adapter, user manual, and a stack of thermal labels.

3. Setup

3.1 Initial Power On and Label Loading

1. Connect the power cable to the printer and plug it into a power outlet.
2. Open the printer cover and load your thermal labels. Ensure the labels are facing the correct direction for printing. The printer supports labels ranging from 1.0 to 4.6 inches (25.4 - 117 mm) in width.
3. Close the printer cover. The printer will automatically detect and calibrate the label size.



The NelkoGlobal printer is shown with various label sizes, illustrating its compatibility with labels from 1 to 4.6 inches (25.4 - 117 mm). Features like 'No Paper Waste' and 'No Jams' are highlighted.

3.2 Connectivity Options

The NelkoGlobal printer offers both Bluetooth and USB connectivity for versatile use.



An image illustrating the dual connectivity options of the NelkoGlobal printer: USB connection to a laptop (compatible with Chrome OS, Mac OS, Windows, Linux) and Bluetooth connection to a smartphone (compatible with Android, iOS, Mac OS, Windows).

3.2.1 Bluetooth Connection (Mobile Devices)

For mobile printing from Android or iOS devices, download the official**"Labelife"** app.

1. Scan the QR code in the manual or search for "Labelife" in your device's app store (App Store for iOS, Google Play for Android) to download the application.
2. Ensure Bluetooth is enabled on your mobile device.
3. Open the Labelife app. The app will guide you to connect to the printer via Bluetooth. Select your printer (e.g., "AM-243BT") from the list of available devices.
4. Once connected, you can import PDF files or create custom labels within the app for printing.



A step-by-step guide for connecting the NelkoGlobal printer via Bluetooth using the Labelife app. Steps include scanning to download the app, turning on Bluetooth, opening the app to connect, importing PDFs, choosing label size, and setting print density.

Note: The optimal distance between your phone and the printer should not exceed 5 meters during the Bluetooth connection.

3.2.2 USB Connection (Windows/Mac)

For printing from Windows or Mac computers, use the provided USB cable.

1. Connect the printer to your computer using the supplied USB cable.
2. Download the printer driver from the official NelkoGlobal website. The driver is compatible with Windows 10 or newer and Mac OS.
3. Follow the on-screen instructions to install the driver. During installation, select "Bluetooth connection" if you intend to use Bluetooth from your computer, or proceed with USB setup.
4. After successful installation, you can print directly from your computer's applications.



An image detailing the USB connection process for the NelkoGlobal printer. It shows connecting the printer to a laptop via USB, downloading the app from the official website, connecting the printer via Bluetooth in PC settings, and customizing labels for printing.

4. Operating the Printer

4.1 Printing Labels

Once connected, you can begin printing your labels. The printer boasts a high definition of 203 DPI and a speed of 150 mm/s, allowing it to print a 4x6 label in approximately one second.



The NelkoGlobal printer is shown in action, emphasizing its high definition (203 DPI) and efficient printing speed (150 mm/s). A magnifying glass highlights the clarity of the printed label.

4.2 Platform Compatibility

The NelkoGlobal thermal label printer is compatible with a wide range of e-commerce and shipping platforms, making it ideal for various business needs. This includes, but is not limited to:

- eBay
- Shopify
- Amazon
- Etsy
- Poshmark
- USPS

- FedEx
- UPS
- DHL
- TNT
- ShipWorks
- Stamps.com
- EasyPost
- PayPal
- Wish
- Pirate Ship
- Shippo
- Shipwire
- ShipStation
- Hermes
- BigCommerce
- Parcel2Go.com



An image showcasing the broad platform applicability of the NelkoGlobal printer, displaying logos of various e-commerce and shipping services it is compatible with, such as eBay, Shopify, Amazon, USPS, FedEx, and more.

4.3 On-the-Go Printing

Weighing only 1.59 lbs, this label printer is highly portable, allowing you to print labels wherever your business takes you. Its compact dimensions (3.15"D x 8.39"W x 3.74"H) make it easy to carry in a backpack or bag.



The NelkoGlobal printer is shown next to a handbag, illustrating its compact size and portability, with dimensions of 3.74 inches (height), 8.38 inches (width), and 3.15 inches (depth) indicated.

5. Maintenance

To ensure optimal performance and longevity of your thermal label printer, follow these simple maintenance guidelines:

- **Cleaning the Print Head:** Regularly clean the print head with an alcohol swab or a specialized thermal printer cleaning pen. Ensure the printer is turned off and cooled down before cleaning.
- **Cleaning the Platen Roller:** Use a soft, lint-free cloth dampened with isopropyl alcohol to clean the platen roller.
- **Dust Removal:** Keep the printer free from dust and debris. Use compressed air to clear out any dust from the interior and exterior vents.
- **Use Quality Thermal Labels:** Only use high-quality thermal labels designed for thermal printers. Using non-thermal paper or low-quality labels can damage the print head and affect print quality.
- **Avoid Direct Sunlight and Heat:** Store and operate the printer away from direct sunlight, high temperatures, and humidity to prevent damage to the thermal components and labels.

6. Troubleshooting

If you encounter any issues with your NelkoGlobal thermal label printer, please refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Printer not turning on	Power cable not connected properly; Power outlet issue	Ensure power cable is securely connected to both printer and outlet. Try a different power outlet.
No labels feeding / Paper jam	Labels incorrectly loaded; Obstruction in paper path	Reload labels correctly, ensuring they are aligned. Clear any debris or jammed labels from the paper path.
Poor print quality (faint, streaky, blank)	Print head dirty; Low-quality labels; Incorrect print density settings	Clean the print head. Use high-quality thermal labels. Adjust print density settings in the Labelife app or printer driver.
Bluetooth connection issues	Bluetooth not enabled; Printer out of range; Interference	Ensure Bluetooth is on for both devices. Move devices closer (within 5 meters). Restart both printer and device.
Printer not recognized by computer via USB	Driver not installed or corrupted; Faulty USB cable/port	Reinstall the printer driver. Try a different USB cable or port on your computer.

If the problem persists after attempting these solutions, please contact NelkoGlobal customer support for further assistance.

7. Specifications

Detailed technical specifications for the NelkoGlobal 243BT-BK Thermal Shipping Label Printer:

Feature	Specification
Brand	NelkoGlobal
Model Name	243BT-BK label printer
Printing Technology	Thermal
Connectivity Technology	Bluetooth, USB
Compatible Devices	Android/iOS and MAC/Win 10 or newer
Maximum Media Size	4 x 6 inch
Sheet Size	Paper Width: 1.54"-4.1"; 4"x6", 3"x2", 3"x1", 2"x1" inches
Resolution	203 x 203 DPI (203 Dots Per Inch)
Max Print Speed Monochrome	72 ppm (150 mm/s)
Item Weight	2.84 pounds
Product Dimensions	3.15"D x 8.39"W x 3.74"H

Feature	Specification
Control Method	App
Special Feature	Portable, Easy to Set up, Inkless printing, Bluetooth Connection
Memory Storage Capacity	8 MB
Country of Origin	China
Date First Available	March 25, 2024

8. Warranty and Support

The NelkoGlobal Bluetooth Thermal Shipping Label Printer comes with a**Limited Warranty**. For specific terms and conditions of the warranty, please refer to the documentation included with your product or contact customer support.

NelkoGlobal is committed to delivering exceptional technical support to our valued customers. If you have any questions, require assistance with setup, operation, or troubleshooting, please do not hesitate to reach out to our dedicated support team.

For more information and support resources, please visit the official NelkoGlobal store on Amazon:NelkoGlobal Store

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