vretti PB821

vretti PB821 Bluetooth A4 Thermal Printer User Manual

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your vretti PB821 Bluetooth A4 Thermal Printer.

1. PRODUCT OVERVIEW

The vretti PB821 is a portable A4 thermal printer designed for convenient printing without the need for ink, toner, or ribbon. It supports both Bluetooth and USB connections, making it compatible with a wide range of devices including smartphones, tablets, and computers.

Image 1.1: The vretti PB821 A4 Thermal Printer shown with different paper sizes it can accommodate, highlighting its versatility.

2. PACKAGE CONTENTS

Upon unpacking, ensure all the following items are present:

- vretti PB821 Thermal Printer
- USB Type-C Cable (for charging and PC connection)
- USB Drive (containing drivers for various operating systems)
- Basic Instruction Sheet
- Thermal Paper Roll (pre-installed or included)

3. SETUP GUIDE

3.1. Charging the Printer

Before first use, fully charge the printer using the provided USB Type-C cable. Connect the cable to the printer's USB-C port and the other end to a compatible USB power adapter or computer port. The charging indicator light will show the charging status.

Image 3.1: The vretti PB821 printer highlighting its 1500mAh battery capacity and USB-C charging capability, allowing for up to 223 sheets on a full charge.

3.2. Loading Thermal Paper

The vretti PB821 supports various types and sizes of thermal paper, including flat sheets, continuous folding paper, and thermal rolls. A roll of A4 thermal paper is typically included and may be pre-installed.

1. Open the printer's paper cover.
2. Insert the thermal paper according to the direction indicated inside the printer. Ensure the printable side (usually smoother) faces the print head.
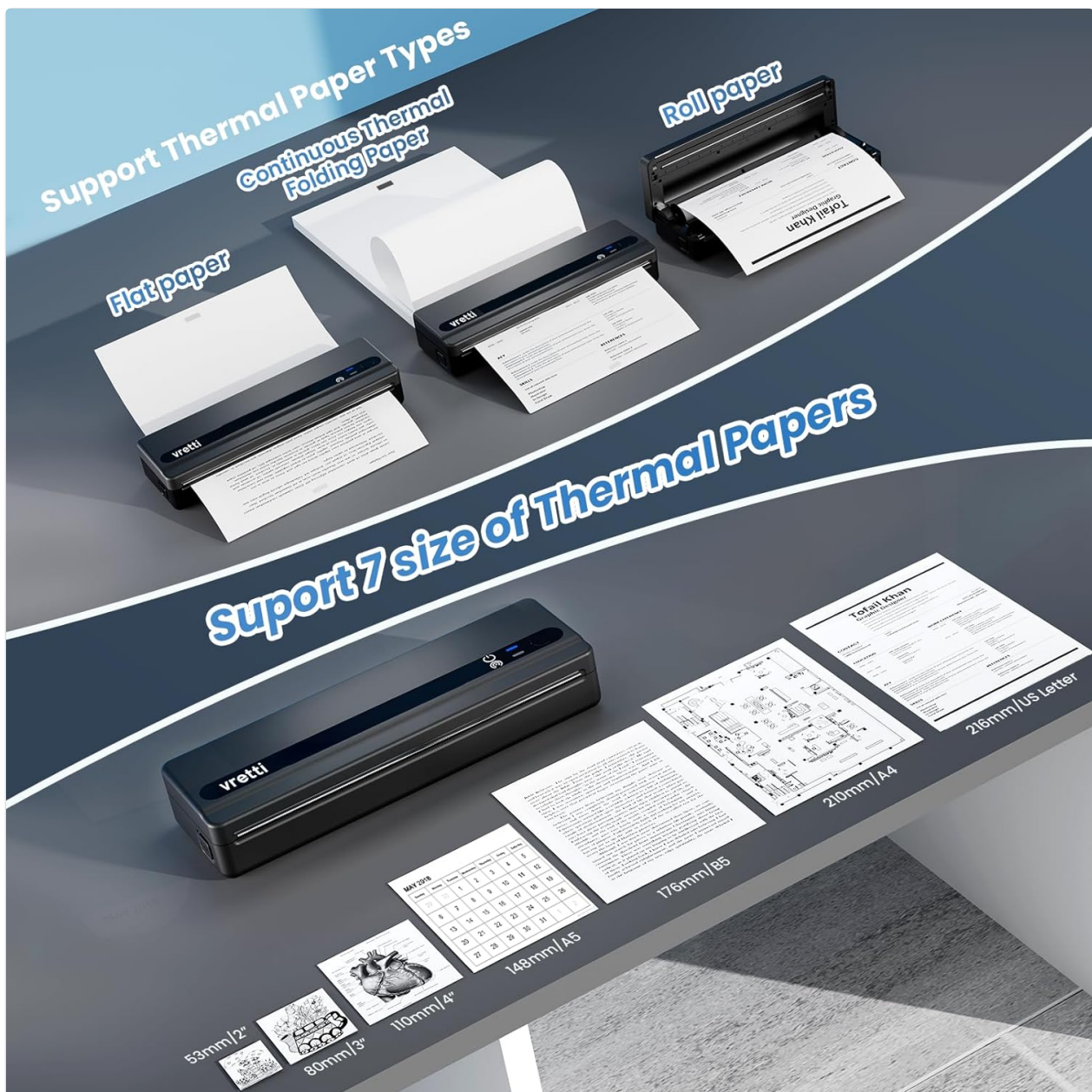3. Close the paper cover securely.

Image 3.2: The vretti PB821 printer illustrating its support for flat paper, continuous thermal folding paper, and thermal roll paper, along with various sizes like 53mm, 80mm, 110mm, 148mm/A5, 176mm/B5, 210mm/A4, and 216mm/US Letter.

3.3. Connecting via Bluetooth (Mobile Devices)

For printing from Android or iOS devices, use the "XLifePro" application.

1. **Download the App:** Search for "XLifePro" in the App Store (iOS) or Google Play Store (Android) and install it.
2. **Enable Bluetooth:** Turn on Bluetooth on your mobile device and the vretti PB821 printer.
3. **Pair Device:** Open the "XLifePro" app, navigate to the device connection section, and select "PB821" from the list of available devices to pair.
4. Once paired, you can select documents or images within the app for printing.

3.4. Connecting via USB (Computers)

The printer supports USB connection with Windows and macOS operating systems.

1. **Install Drivers:** Insert the provided USB drive into your computer or visit the official vretti website (vrettitech.com/pages/pb83-support) to download the appropriate drivers for your operating system (Windows or macOS). Follow the on-screen instructions to install the drivers.

2. **Connect Printer:** Connect the vretti PB821 printer to your computer using the supplied USB Type-C cable.
3. **Print:** Once drivers are installed and the printer is connected, you can select the vretti PB821 as your printer from any application on your computer to print documents or webpages.
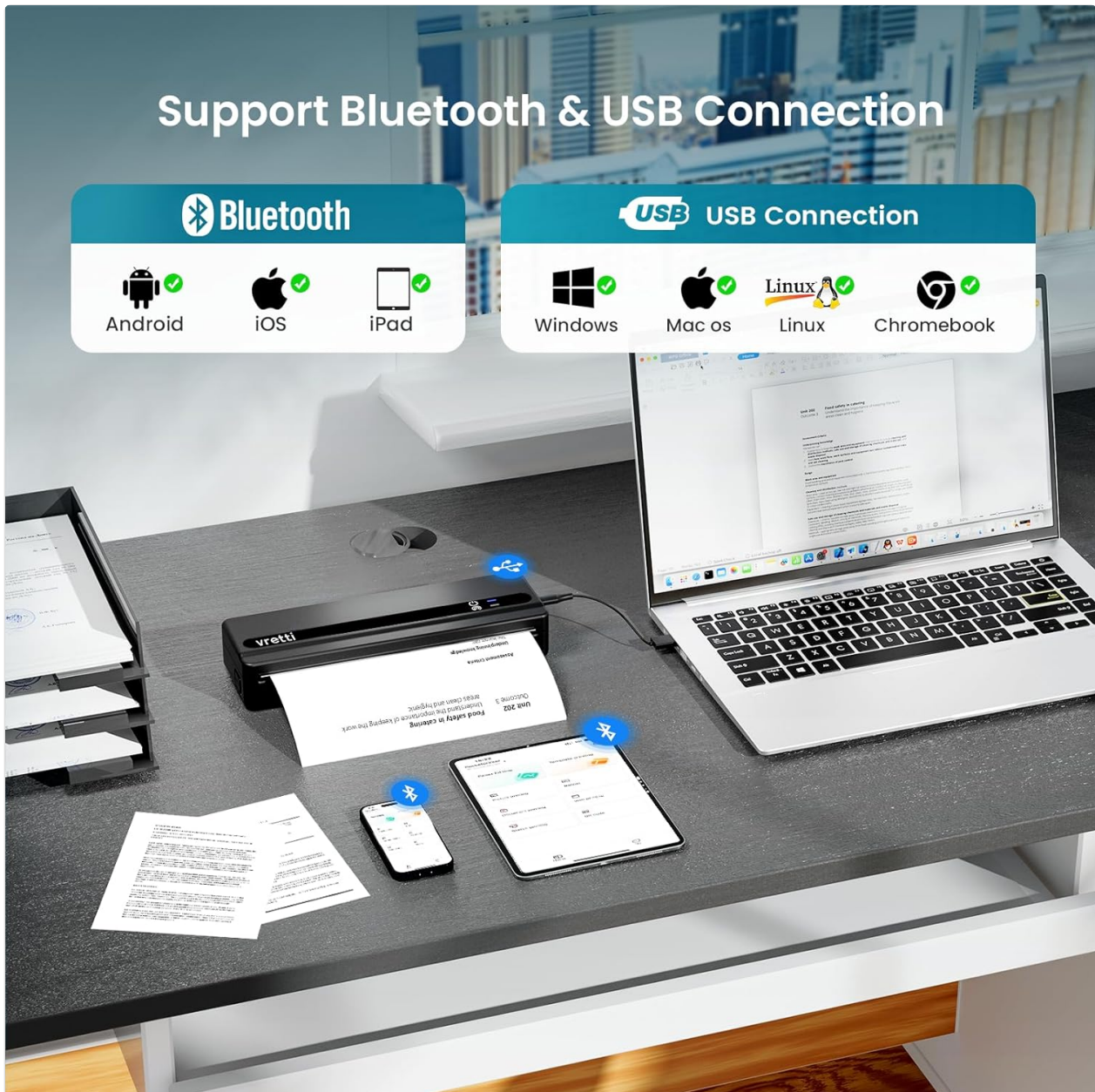

Image 3.3: Diagram showing the vretti PB821's compatibility with Bluetooth (Android, iOS, iPad) and USB (Windows, macOS, Linux, Chromebook) connections.

4. OPERATING INSTRUCTIONS

4.1. Basic Printing

After successfully connecting your printer to your device (via Bluetooth or USB) and loading paper, you can initiate a print job from your chosen application. Ensure the printer is powered on.

- **From Mobile App:** Within the "XLifePro" app, select the document or image you wish to print and tap the print icon.
- **From Computer:** Open the document or file, go to "File" > "Print", select "vretti PB821" from the list of printers, and click "Print".

The printer will feed the thermal paper and print your content. The PB821 offers clear, smudge-free printing at up to 203 DPI resolution.

Image 4.1: A visual comparison demonstrating the print clarity of the vretti PB821 printer compared to another printer, with magnified text for detail.

4.2. Supported Paper Sizes

The vretti PB821 is versatile and supports various thermal paper sizes to meet different printing needs:

- A4 (210mm)
- A5 (148mm)
- B5 (176mm)
- 110 mm
- 80 mm
- 53 mm
- US Letter (216mm)

5. MAINTENANCE

The vretti PB821 thermal printer requires minimal maintenance due to its inkless technology.

- **Cleaning the Print Head:** Periodically, gently wipe the print head with a soft, lint-free cloth moistened with isopropyl alcohol. Ensure the printer is turned off and cooled down before cleaning.
- **Exterior Cleaning:** Use a soft, dry cloth to clean the exterior of the printer. Avoid using harsh chemicals or abrasive materials.
- **Paper Storage:** Store thermal paper in a cool, dry place away from direct sunlight and heat to preserve its printability and longevity.

6. TROUBLESHOOTING

If you encounter issues with your vretti PB821 printer, refer to the following common problems and solutions:

- **Printer Not Responding:**
  - Ensure the printer is powered on and fully charged.
  - Check Bluetooth connection (for mobile) or USB cable connection (for PC).
  - Restart the printer and your device.

- **Poor Print Quality:**
  - Verify that you are using thermal paper.
  - Clean the print head as described in the Maintenance section.
  - Ensure the paper is loaded correctly with the printable side facing the print head.

- **Paper Not Feeding / Paper Jam:**
  - Open the paper cover and check for any obstructions or misaligned paper.
  - Ensure the paper roll is properly seated and not too tight or loose.
  - Remove any jammed paper carefully to avoid damaging internal components.
  - Ensure the paper sensor is clean and unobstructed.

- **Bluetooth Pairing Issues:**
  - Make sure the printer is in pairing mode (refer to the basic instruction sheet if needed).
  - Forget the device in your phone's Bluetooth settings and try pairing again.
  - Ensure the "XLifePro" app has Bluetooth permissions enabled.

If the issue persists, please contact vretti customer support for further assistance.
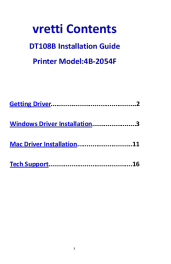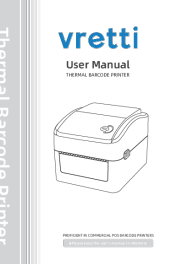
7. SPECIFICATIONS

Model Name	PB821
Brand	vretti
Printing Technology	Thermal
Connectivity Technology	Bluetooth, USB
Maximum Media Size	A4

Maximum Print Resolution (Black & White)	203 dpi
Maximum Print Speed (Monochrome)	72 Pages per minute
Color Depth	1 bpp (Monochrome)
Duplex Printing	No
Item Dimensions (L x W x H)	28.5 x 11.3 x 8 centimeters
Special Features	Portable, Thermal Printing, Bluetooth & USB Connection, iOS & Android Support, Environmentally Friendly
Included Components	Paper (initial roll)

8. WARRANTY AND SUPPORT

The vretti PB821 Thermal Printer comes with a manufacturer's warranty of **1 year** from the date of purchase. For warranty claims, technical support, or any inquiries not covered in this manual, please contact vretti customer service. Refer to the product packaging or the official vretti website for contact information.

Related Documents - PB821

[Vretti 410B USB User Manual: Installation and Operation Guide](#)
Comprehensive user manual for the Vretti 410B USB barcode printer. Includes detailed instructions for installation, setup, printing, troubleshooting, and maintenance across Windows, macOS, Linux, and ChromeOS.

[vretti DT108B Installation Guide: Setup for Windows and Mac](#)
Comprehensive installation guide for the vretti DT108B label printer. Learn how to install drivers for Windows and macOS, connect your printer, and perform a test print. Includes troubleshooting tips and support contact information.

[Vretti 420B Thermal Barcode Printer User Manual](#)
User manual for the Vretti 420B Thermal Barcode Printer, covering installation, driver setup for Windows and Mac, browser printing, button functions, LED status, specifications, and troubleshooting.

vretti 420B USB+WIFI **User Manual** PROFICIENT IN COMMERCIAL BARCODE PRINTERS	**Vretti 420B USB+WIFI User Manual** User manual for the Vretti 420B USB+WIFI barcode printer, covering installation, setup, troubleshooting, and usage for various operating systems including Windows, Mac, Linux, iOS, Android, and ChromeOS.
vretti 410B USB (Driver model:4B-2054K) **User Manual** PROFICIENT IN COMMERCIAL BARCODE PRINTERS	**Vretti 410B USB User Manual: Installation and Operation Guide** Comprehensive user manual for the Vretti 410B USB barcode printer. Includes detailed instructions for installation, setup, printing, troubleshooting, and maintenance across Windows, macOS, Linux, and ChromeOS.
vretti Contents **DT108B Installation Guide** **Printer Model:4B-2054F** 	**vretti DT108B Installation Guide: Setup for Windows and Mac** Comprehensive installation guide for the vretti DT108B label printer. Learn how to install drivers for Windows and macOS, connect your printer, and perform a test print. Includes troubleshooting tips and support contact information.