vretti 420B-WIFI

vretti 420B-WIFI Thermal Label Printer User Manual

Model: 420B-WIFI

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your vretti 420B-WIFI Thermal Label Printer. Please read this manual thoroughly before using the printer to ensure proper functionality and to prevent damage.

Image: The vretti 420B-WIFI Thermal Label Printer, shown with a label being printed and a smartphone displaying the companion app.

PACKAGE CONTENTS

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

- 1 x vretti 420B-WIFI Thermal Label Printer (supports 2.4GHz WiFi networks only)
- 1 x Power Adapter
- 1 x Power Cord
- 1 x Paper Roll Shaft

- 2 x Fixing Plates

- 1 x USB Cable

- 1 x User Manual
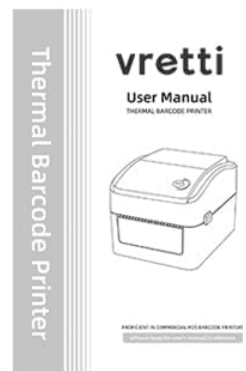
- 1 x U Disk (includes drivers and how-to videos)

Image: A visual representation of the vretti 420B-WIFI Thermal Label Printer and its included accessories, such as the power adapter, USB cable, paper roll shaft, fixing plates, U disk, and user manual.

SETUP GUIDE

1. Loading Labels

1. Open the printer cover.
2. Place the label roll onto the paper roll shaft.
3. Insert the assembled label roll and shaft into the built-in label bin.
4. Feed the leading edge of the labels through the printer's feed slot until it is slightly past the print head.
5. Adjust the guide rails to fit the label width snugly.
6. Close the printer cover.

Image: An open view of the vretti 420B-WIFI printer showing the internal label bin and how to properly load a roll of thermal labels.

The printer supports direct thermal labels with widths between 1 inch (25.4mm) and 4.5 inches (115mm), with a maximum print width of 4.25 inches (108mm).

Image: Various label sizes and shapes, including circular, 2x1, 3x2, 3x3, and 4x6 inches, demonstrating the printer's versatility in handling different label dimensions.

2. Power Connection

Connect the power adapter to the printer and then plug the power cord into a wall outlet. Turn on the printer using the power switch.

3. Connectivity Options

The vretti 420B-WIFI printer offers both Wi-Fi and USB connectivity.

3.1. Wi-Fi Setup (Smartphone/Tablet)

1. Download the "wireless link" app from your device's app store (Google Play or Apple App Store).
2. Open the "wireless link" app and tap "Start" to begin the setup process.
3. Follow the on-screen prompts. Ensure your printer is switched on. Press the feed button for 6-8 seconds until a blinking blue light appears, then release.
4. Enter the password for your selected 2.4GHz Wi-Fi network (5GHz networks are not supported).
5. Once connected, the app will display the printer's IP address. Copy this IP address.
6. Download the "4barcode" app from your device's app store.
7. Open the "4barcode" app, click "disconnect" if already connected, then select "Wifi".
8. Enter the copied IP address into the "4barcode" app and click "connect".
9. You can now open a PDF document within the "4barcode" app and choose your desired label size for printing.

Image: A step-by-step guide illustrating the Wi-Fi setup process for the vretti 420B-WIFI printer using the "wireless link" mobile application.

Image: Instructions on how to use the "4barcode" app to connect to the printer via Wi-Fi, open PDF documents, and select label sizes for printing.

3.2. Wi-Fi Setup (Windows Laptop)

1. First, obtain the printer's IP address using the "wireless link" app on your smartphone/tablet (refer to section 3.1, steps 1-5).
2. Insert the provided U Disk into your Windows computer.
3. Install the printer driver software from the U Disk. Follow the on-screen installation wizard, selecting the appropriate printer model.
4. Complete the driver installation.

Note: Ensure your mobile phone and computer are connected to the same Wi-Fi network.

Image: A visual guide for setting up Wi-Fi printing on a Windows laptop, including obtaining the IP address via the mobile app and installing the printer driver from the U disk.

3.3. Wi-Fi Setup (Mac System)

1. Insert the provided U Disk into your Mac computer.
2. Install the "Barcode-printer-tool" from the U Disk.
3. Open the tool and click "Scan wifi".
4. Select your Wi-Fi network and enter the password.
5. Click "Get IP address" to retrieve the printer's IP.
6. Click "Add printer" to complete the setup.

Note: Ensure your mobile phone and computer are connected to the same Wi-Fi network. If you encounter "The application can't be opened" during MAC driver installation, go to "System Settings" > "Privacy & Security", scroll down, and click "Open Anyway".

Image: A step-by-step visual guide for configuring Wi-Fi printing on a Mac system using the "Barcode-printer-tool" from the U disk.

3.4. USB Connection (Windows, Mac, Linux)

Connect the printer to your computer using the provided USB cable. Ensure the printer is powered on. Install the appropriate drivers from the U Disk for your operating system (Windows, Mac, or Linux). For Mac, if installation issues arise, check "System Settings" > "Privacy & Security" to allow the application to open.

Image: Illustration showing the vretti 420B-WIFI printer connected via both Wi-Fi (to mobile devices) and USB (to a laptop), highlighting its dual connectivity options.

3.5. Chromebook Support

For Chromebook users, locate the Chromebook extension on the provided U Disk. Drag and drop the extension file to your

Chrome browser's extensions page to install it.

Image: A screenshot demonstrating how to install the Chromebook extension for the vretti 420B-WIFI printer from the U disk.
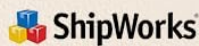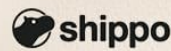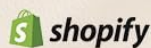
OPERATING INSTRUCTIONS

1. Printing Labels

Once the printer is connected and drivers/apps are installed, you can print labels from various platforms. The printer is compatible with major shipping and sales platforms including Amazon, eBay, Shopify, USPS, UPS, Etsy, PayPal, Poshmark, Pirate Ship, and Canada Post.
Before printing, download the label from the corresponding platform and then upload it to the editor APP (e.g., "4barcode") for printing.
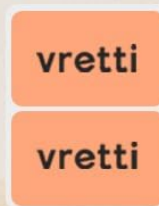
Image: A visual display of various e-commerce and shipping platform logos, indicating the wide compatibility of the vretti 420B-WIFI printer.

2. Label Width Adjustment

The printer's adjustable guide rails allow for printing on labels ranging from 1 inch to 4.5 inches in width. Ensure the guide rails are adjusted to fit your specific label size to prevent misprints or jams.

Image: A demonstration of how to adjust the label width settings on the printer to accommodate different label sizes and types, including various shapes and dimensions.

3. Video Guide

For a visual introduction to the vretti 420B-WIFI Thermal Label Printer, please watch the video below.

Video: An introductory overview of the vretti 420B-WIFI Shipping Label Printer, demonstrating its features and basic operation.

MAINTENANCE

1. Cleaning the Print Head

Regularly clean the print head to ensure optimal print quality. Use a lint-free cloth lightly dampened with isopropyl alcohol. Gently wipe the print head from the center outwards. Allow the print head to dry completely before closing the cover and resuming operation.

2. Cleaning the Platen Roller

The platen roller can accumulate dust and adhesive residue. Rotate the roller manually and wipe it with a lint-free cloth dampened with isopropyl alcohol. This helps prevent label jams and ensures smooth feeding.

3. General Care

Keep the printer in a clean, dust-free environment. Avoid exposing it to direct sunlight or extreme temperatures. Do not use abrasive cleaners or solvents on any part of the printer.

TROUBLESHOOTING

- **Printer Not Responding:**

    - Ensure the power cable is securely connected and the printer is turned on.
    - Check the USB cable connection if using USB.
    - For Wi-Fi, verify the printer is connected to the 2.4GHz network and its IP address is correctly entered in the app/driver.
    - Restart the printer and your computer/mobile device.

- **Poor Print Quality:**

    - Clean the print head as described in the Maintenance section.

- Ensure you are using direct thermal labels.
- Check label orientation and ensure they are loaded correctly.
- Adjust print density settings in your printer preferences if available.

- **Labels Not Feeding Correctly / Jams:**

  - Ensure labels are loaded correctly and the guide rails are adjusted to the label width.
  - Check for any obstructions in the label path.
  - Clean the platen roller.
  - Ensure labels are not stuck together or damaged.

- **Wi-Fi Connection Issues:**

  - Confirm your router is broadcasting a 2.4GHz Wi-Fi signal. The printer does not support 5GHz.
  - Verify the Wi-Fi password is entered correctly in the "wireless link" app.
  - Ensure your printer, computer, and mobile device are all on the same Wi-Fi network.
  - If the IP address is not obtained, try restarting the printer and the "wireless link" app.

- **Mac Driver Installation Error ("Application can't be opened"):**

  - Go to "System Settings" > "Privacy & Security", scroll down, and click "Open Anyway" for the driver application.
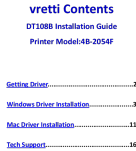
SPECIFICATIONS

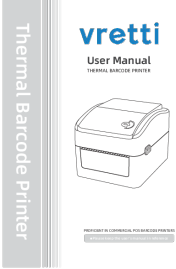| Feature	Detail
Model Name	420B-WIFI
Product Dimensions	8"D x 6.69"W x 5.9"H
Item Weight	3.3 pounds (1.5 Kilograms)
Connectivity Technology	Wi-Fi (2.4GHz only), USB
Printing Technology	Thermal
Printer Output	Monochrome
Maximum Media Size	4 x 6 inch
Print Media	Labels
Max Input Sheet Capacity	500 (for roll labels)
Maximum Black and White Print Resolution	203 dpi
Max Print Speed Monochrome	72 ppm
Dual-sided printing	No (Simplex)
Compatible Devices	Laptops, PC, Smartphones, Tablets
Control Method	App
Memory Storage Capacity	8 MB
UPC	794969931788

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included on the U Disk or contact vretti customer service. The U Disk contains drivers, how-to videos, and diagnostic tools to assist with common issues.

You can also visit the official vretti website for the latest drivers, FAQs, and support resources.

Related Documents - 420B-WIFI

vretti 420B USB+WIFI **User Manual**	**[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 User Manual THERMAL BARCODE PRINTER	**[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 Contents DT108B Installation Guide Printer Model:4B-2054F Getting Driver.................................2 Windows Driver Installation.............3 Mac Driver Installation.................11 Tech Support..............................16	**[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 410B USB (Driver model:4B-2054K) **User Manual**	**[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 420B USB+WIFI **User Manual**	**[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 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.