

## CLABEL 221B

# CLABEL 221B Thermal Label Maker Machine User Manual

Model: CT221B

## 1. INTRODUCTION

This user manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your CLABEL 221B Thermal Label Maker Machine. Please read this manual carefully before using the device to ensure proper functionality and to extend the product's lifespan.



Image: The CLABEL 221B Thermal Label Maker Machine, a compact gray and white device, shown alongside a roll of white thermal labels. The printer displays a sample label with "CLABEL 221B Barcode Label Printer" and a barcode.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Cost-Saving Freedom:** Supports various brands of thermal paper, eliminating reliance on expensive proprietary supplies.
- **Rich Label Selection:** Compatible with thermal labels 25 to 50 mm wide, including transparent, colored, and round labels.
- **One-Click Connection:** Supports Bluetooth connection via the "Clabel trade" application for smartphones (iOS, Android) and USB connection for computers (Windows).
- **Powerful App:** The "Clabel trade" app offers extensive design features including text, formulas, symbols, and pre-made templates, with batch printing capabilities.
- **Portable and Multifunctional:** Equipped with a rechargeable battery for up to 4 hours of continuous use, weighing only 240 grams. Suitable for home, office, and retail use.

### 2.2 Package Contents

The CLABEL 221B package typically includes:

- CLABEL 221B Thermal Label Maker Machine
- USB Cable
- Roll of Labels (as indicated by "Labels" in included components)
- User Manual (this document)

### 3. SETUP

#### 3.1 Initial Power On

To power on the device, press and hold the power button located on the side of the printer until the indicator light illuminates. The blue light will blink, indicating it is ready for connection.

#### Widely Compatible with Smartphone

Stable Bluetooth connection, no limited of space, print whatever you need.



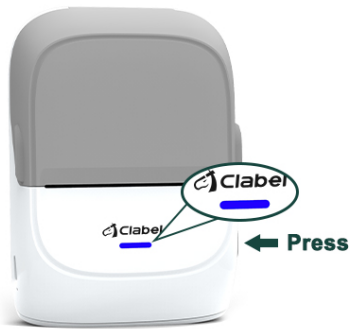
Image: A visual guide showing five steps to connect the CLABEL 221B via Bluetooth. Step 1 shows pressing the power button, Step 2 shows enabling Bluetooth on a phone, Step 3 shows opening the app, Step 4 shows selecting the printer, and Step 5 shows editing a label.

#### 3.2 Loading Labels

Follow these steps to correctly install thermal labels into your CLABEL 221B printer:

1. Squeeze the pressure points on the sides of the printer and pull upwards to open the top cover.
2. Switch the baffle lock to the "OPEN" position.
3. Load the label paper roll into the compartment, ensuring it is positioned on the left side. Push the baffle to the left to fit the label width snugly.
4. Pull out a small part of the label paper, extending it past the print head. Switch the baffle lock to "CLOSE" and then close the top cover firmly until it clicks.

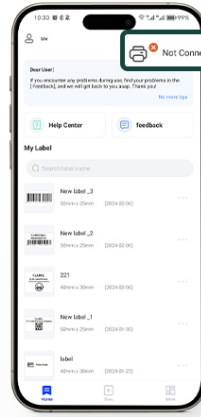
## Bluetooth Connection for Smartphone



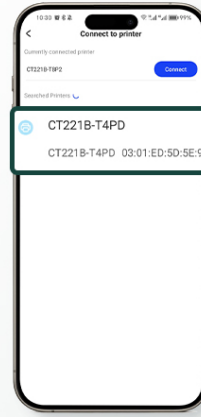
**Step 1:**  
Turn on the printer.  
(Note: the blue light is blinking)



**Step 2:**  
Turn on the Bluetooth in your Phone.



**Step 3:**  
Go to the APP and click the upper right icon,



**Step 4:**  
Select the Bluetooth name with "CT221B" to connect.



**Step 5:**  
Edit your label and print it.

Image: A sequence of four images demonstrating the label installation process. It shows opening the cover, adjusting the baffle, inserting the label roll, and closing the cover.

## 4. OPERATING INSTRUCTIONS

### 4.1 Connecting to a Smartphone (Bluetooth)

The CLABEL 221B connects wirelessly to your smartphone via Bluetooth. Ensure your printer is powered on and the blue light is blinking.

1. Download the "Clabel trade" application from the App Store (iOS) or Google Play Store (Android).
2. Enable Bluetooth on your smartphone.
3. Open the "Clabel trade" app. The app will guide you to connect to the printer.
4. Within the app, search for available devices and select "CT221B" to establish the connection.

# Quick and Stable Bluetooth Connection

Just turn on the Bluetooth, one click to connect.



Android



iOS

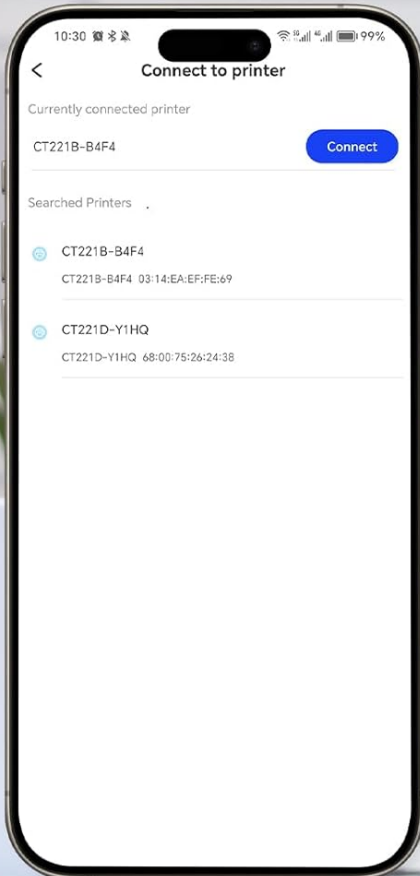


Image: A user connecting the CLABEL 221B printer to a smartphone. The phone screen shows the "Connect to printer" interface within the app, listing available printers. The printer itself is shown with a sample label.

## 4.2 Connecting to a Computer (USB)

For Windows PC users, the CLABEL 221B can also be connected via USB. Note that laptop connections may be unstable according to product information.

1. Connect the printer to your computer using the provided USB cable.
2. Download and install the necessary software for Windows from the official CLABEL website (refer to product packaging or manufacturer's website for download link).
3. Once the software is installed, you can design and print labels directly from your computer.



# Compatible with Windows PC

Free edit and print your commercial labels

Windows



Image: The CLABEL 221B printer connected to a laptop via a USB cable. The laptop screen displays a label design interface, indicating PC compatibility for label editing and printing.

## 4.3 Using the "Clabel trade" App

The "Clabel trade" app is a powerful tool for designing and managing your labels. It offers a wide range of customization options:

- **Design Freedom:** Create labels with custom text, formulas, hundreds of symbols, and various fonts.
- **Templates:** Utilize numerous pre-made templates for quick label creation.
- **Barcode & QR Code:** Generate and print barcodes and QR codes for various applications.
- **Batch Printing:** Improve efficiency by printing multiple labels in a single batch.
- **Save & Recall:** Easily store and retrieve your designed label documents for future use.

# APP for Personalization

Smart "Clabel trade" APP, Rich editing function.  
Save the label templates and print at any time!



Customize  
Labels



Multi  
Template



PDF  
Printing

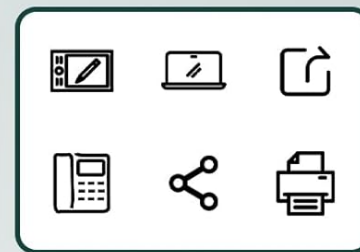
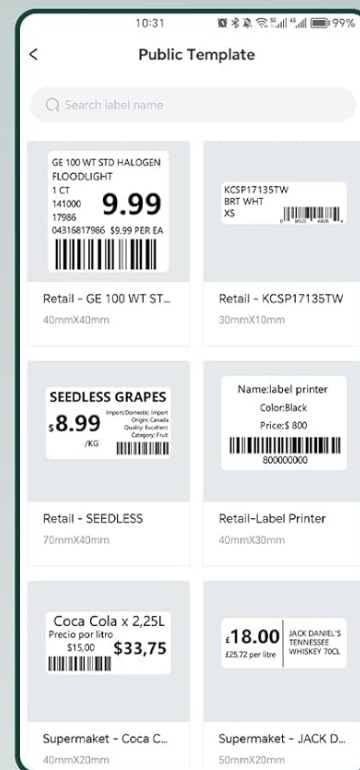
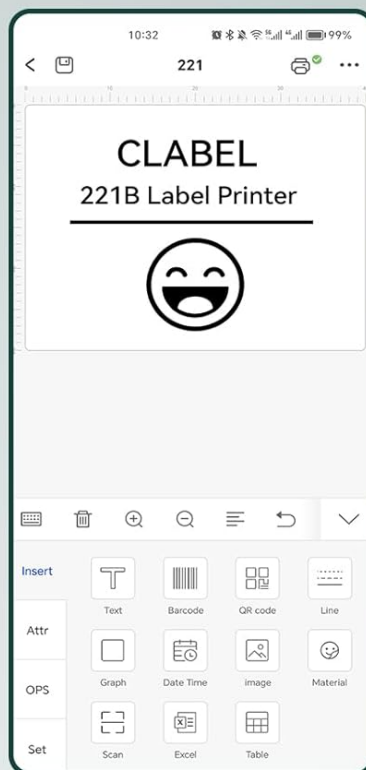
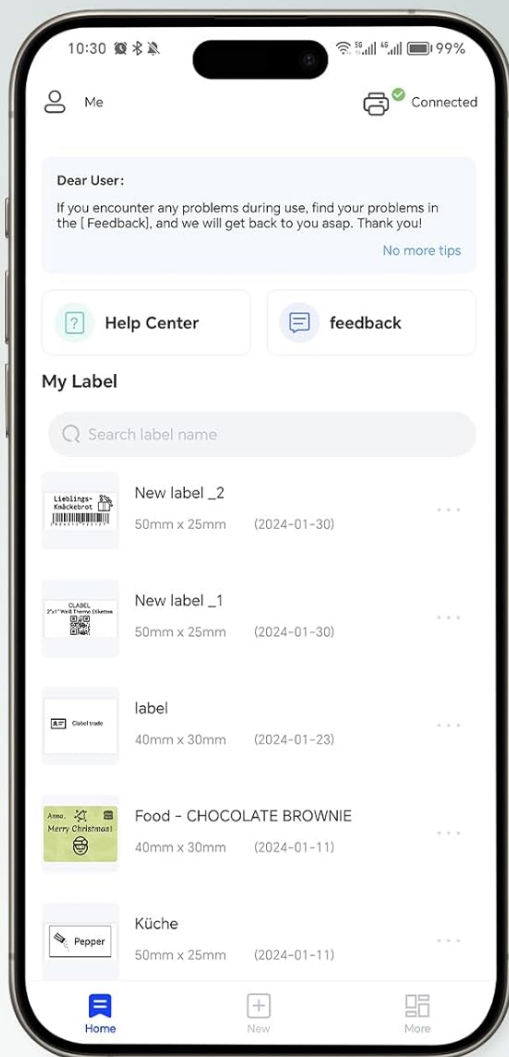


Image: Multiple screenshots of the "Clabel trade" app, showcasing its features for label personalization, multi-template support, PDF printing, and various editing tools like text, barcode, QR code, and image insertion.

## 4.4 Supported Label Types and Sizes

The CLABEL 221B supports thermal labels with a width ranging from 25 mm to 50 mm (0.98 inches to 1.96 inches). It is compatible with various label styles, including white, transparent, colored, round, retail, product, price, clothing, and decorative labels. Note that it is not suitable for continuous paper.

# Support Various Style Thermal Labels

Compatiable Labels with 20-50mm(0.78"-1.96") wide



Image: An illustration demonstrating the variety of thermal label styles and sizes that the CLABEL 221B printer can support, including retail, product, price, clothing, and decorative labels with dimensions.

## 4.5 Applications

The CLABEL 221B is versatile and can be used for various labeling needs:

- **Home Storage:** Organize containers, boxes, and shelves.
- **Office:** Label files, documents, and office supplies.
- **Shipping:** Create shipping labels for packages.
- **Retail:** Price tagging, product identification, and inventory management.



# Small Labels, Powerful Function

Thermal labels affect everywhere in Business, Work and Life.

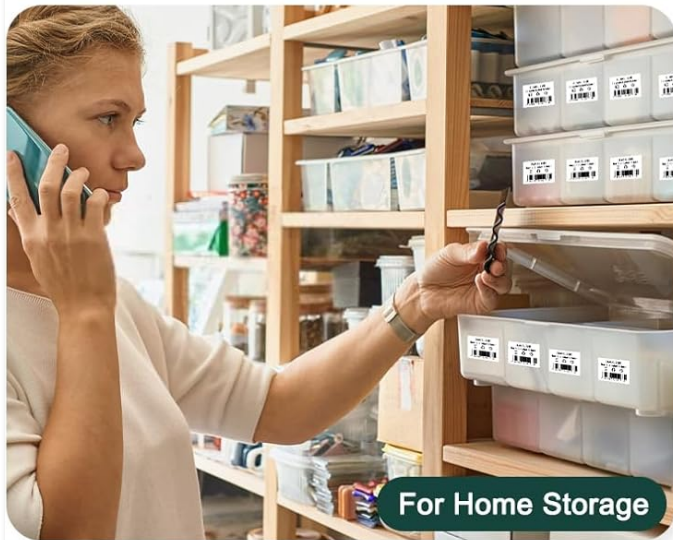


Image: A four-panel image showcasing the practical uses of the CLABEL 221B label printer, including labeling items for home storage, office organization, shipping packages, and retail product pricing.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your CLABEL 221B printer.

### 5.1 Cleaning the Print Head

The print head is a crucial component and should be cleaned periodically to prevent print quality issues. Use a cotton swab lightly dampened with isopropyl alcohol to gently wipe the print head. Allow it to dry completely before closing the cover and resuming operation.

### 5.2 General Cleaning

Wipe the exterior of the printer with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the device's surface.

5.3 Storage

Store the printer in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) to maintain battery health.

6. TROUBLESHOOTING

If you encounter issues with your CLABEL 221B, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Printer does not turn on.	Low battery or power issue.	Charge the printer using the USB cable. Ensure the charging indicator light is on.
Cannot connect via Bluetooth.	Bluetooth not enabled, app issue, or printer not discoverable.	Ensure Bluetooth is enabled on your phone. Restart the printer and your phone. Ensure the "Clabel trade" app is updated to the latest version. Try connecting from within the app, not just phone settings. Verify the printer is within Bluetooth range.
Poor print quality (faint, blank lines).	Dirty print head, incorrect label loading, or low battery.	Clean the print head as described in Section 5.1. Ensure labels are loaded correctly and the baffle is adjusted to the label width. Charge the printer. Ensure you are using thermal labels.
Labels are not feeding correctly.	Labels jammed, incorrectly loaded, or wrong label type.	Open the cover and check for any jammed labels. Remove them carefully. Re-load the labels, ensuring they are straight and the baffle is correctly set. Confirm you are using compatible thermal labels (not continuous paper).
App crashes or is finicky.	Software bug, compatibility issue, or insufficient device resources.	Ensure your smartphone's operating system is up to date. Clear the app's cache and data (Android) or reinstall the app. Try using the app on a different compatible device if possible. Contact CLABEL customer support for app-specific issues.

7. SPECIFICATIONS

Feature	Detail
Brand	CLABEL

Feature	Detail
Model Name	221B-Gray White (CT221B)
Printing Technology	Thermal
Connectivity Technology	USB, Bluetooth
Compatible Devices	Smartphones (iOS, Android), PC (Windows)
Maximum Media Size	50 mm (1.96 inches) width
Print Media	Labels (25-50mm width)
Maximum Black and White Print Resolution	203 DPI
Maximum Print Speed (Monochrome)	55 ppm
Item Weight	250 Grams (8.8 ounces)
Product Dimensions	5.12 x 3.54 x 2.76 inches
Battery Life	Up to 4 hours continuous printing (rechargeable)



## 8. WARRANTY AND SUPPORT



CLABEL provides a warranty for the 221B barcode label printer. Specific warranty terms and conditions, including duration and coverage, are typically provided with your product purchase or can be found on the official CLABEL website. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact CLABEL customer service through their official website or the contact information provided with your product.

You can visit the official CLABEL Store for more information:[CLABEL Store on Amazon](#)

### Related Documents - 221B

 <p><b>User Manual</b> CT221B Label Printer</p> <p>Please read this user manual guide carefully before operating the product.</p>	<p><a href="#">Clabel CT221B Label Printer User Manual - Setup and Operation Guide</a></p> <p>Explore the Clabel CT221B Label Printer with this comprehensive user manual. Learn about packing, components, functions, paper loading, mobile/computer printing, and troubleshooting. Available in multiple languages.</p>
 <p>1. What is the width of the label paper? And what is the function of the buffer of the paper tape?</p> <p>2. Why the print quality is not good?</p> <p>Please refer to the video on the first three pages of the guide.</p>	<p><a href="#">CLABEL 220B Portable Label Maker: FAQ and Usage Guide</a></p> <p>Get answers to common questions about the CLABEL 220B portable label maker, including setup, printing, app connectivity, and troubleshooting. Learn how to load paper, improve print quality, and contact support.</p>

<div>Driver Installation</div>	<div><a href="#">CLABEL Label Printer Driver and Software Installation Guide</a></div> <div>A comprehensive guide for installing CLABEL label printer drivers and the OpenLabel+ editing software on macOS, covering download, installation, configuration, and printing steps.</div>
<div><div><div><div><div><div></div><div>Clabel</div></div></div><div><div><div>User Manual</div><div>CT221B Label Printer</div></div></div><div><div><div></div><div>Please read this user manual guide carefully before operating the product.</div></div></div></div></div></div>	<div><div><a href="#">Clabel CT221B Label Printer User Manual</a></div><div>User manual for the Clabel CT221B Label Printer, covering setup, operation, and troubleshooting in multiple languages.</div></div>
<div><div><div><div><div><div>OS / Android</div><div>Scan the QR code below with a mobile phone to download "Clabel Trade".</div><div>Please follow the software instructions below to operate the software.</div></div><div><div><div></div><div><div>Download on the App Store</div><div>Get it on Google Play</div></div></div><div><div>Mobile phone scanning QR code for Bluetooth version.</div><div><div><div>Windows</div><div>Visit website: <a href="https://go.clabel.com">https://go.clabel.com</a> to download "Clabel Trade" and driver.</div><div>Download the driver from the colour cut and read the instructions on driver installation and have installation on the website.</div></div></div></div></div></div></div></div></div>	<div><div><div><a href="#">CLABEL Label Maker: Installation Guide for Clabel Trade App and Drivers</a></div><div>Comprehensive guide to installing the Clabel Trade app and drivers for iOS, Android, and Windows devices. Learn how to connect your CLABEL label printer for seamless operation.</div></div></div>
<div><div><div><div><div><div>Thank for looking into our new software</div><div>Clabel label printer</div><div>Driver installation tutorial</div></div></div></div></div></div>	<div><div><div><a href="#">Clabel Label Printer Driver Installation Tutorial for Windows</a></div><div>A comprehensive guide for installing the Clabel label printer driver on Windows operating systems. Learn how to connect your printer, locate the device instance path, download and install the driver, and verify the installation by printing a test page.</div></div></div>