

CLABEL CT221D

CLABEL CT221D Label Printer User Manual

Model: CT221D

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your CLABEL CT221D Label Printer. The CT221D is a compact and lightweight direct thermal label printer designed for various labeling needs, supporting both Bluetooth and USB connections for compatibility with Windows, Mac, iOS, and Android devices. It eliminates the need for ink or toner, offering a convenient and efficient printing solution.



Image 1.1: The CLABEL CT221D Label Printer in operation, printing a label.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x CLABEL CT221D Thermal Label Printer
- 1 x Power Adapter
- 1 x USB Cable
- 1 x User Manual (this document)
- 1 x Roll of 40mm x 30mm Labels (starter roll)



Image 2.1: The complete package contents, including the printer, cables, and a label roll.

3. PRODUCT OVERVIEW

The CLABEL CT221D features a sleek black design with an intuitive indicator light on the front. A blue light signifies the printer is ready for operation, while a red light indicates a potential issue. The printer supports label widths from 0.78 inches (20mm) to 2.28 inches (58mm), making it suitable for various label types including UPC barcodes, address labels, jewelry labels, and small business labels.

Key Features:

- **Direct Thermal Printing:** No ink or toner required.
- **Dual Connectivity:** Connects via Bluetooth (iOS, Android) or USB cable (Windows, Mac).
- **Compact Design:** Lightweight and portable for easy placement and movement.
- **Wide Label Compatibility:** Supports labels up to 2.28 inches (58mm) in width.
- **Powerful Mobile App:** The "clabel trade" app offers extensive customization, templates, and scanning functions.



Image 3.1: The printer demonstrating compatibility with multiple label sizes, including 0.78"x0.39", 2"x1", 1.57"x1.18", and 1.57"x1.57".



Image 3.2: Examples of printer applications, such as labeling for clothes, barcodes, beverages, kitchen items, addresses, and school books.

4. SETUP GUIDE

Setting up your CLABEL CT221D printer is a straightforward process. Follow these steps to get started:

4.1 Power Connection

1. Connect the power adapter to the printer's power port.
2. Plug the power adapter into a wall outlet.

3. Locate the small on/off switch on the right side of the printer and press it to power on the device. The indicator light on the front should turn blue.

4.2 Software and Driver Installation

For optimal functionality, install the necessary software and drivers for your operating system.

- **For Mobile Devices (iOS/Android):** Download the "clabel trade" app from your device's respective app store.
- **For Computers (Windows/Mac):** Visit the official CLABEL website (e.g., ga.ctaiot.com) to download the latest drivers and software. Follow the on-screen instructions for installation.

4.3 Connecting the Printer

- **Bluetooth Connection (Mobile):** Open the "clabel trade" app on your smartphone. The app should automatically detect the printer when it's powered on and in pairing mode. Follow the app's prompts to connect.
- **USB Connection (Computer):** Connect the printer to your computer using the provided USB cable. Ensure the drivers are installed correctly. Your computer should recognize the printer as a new device.

Powerful "Clabel trade" Edit App

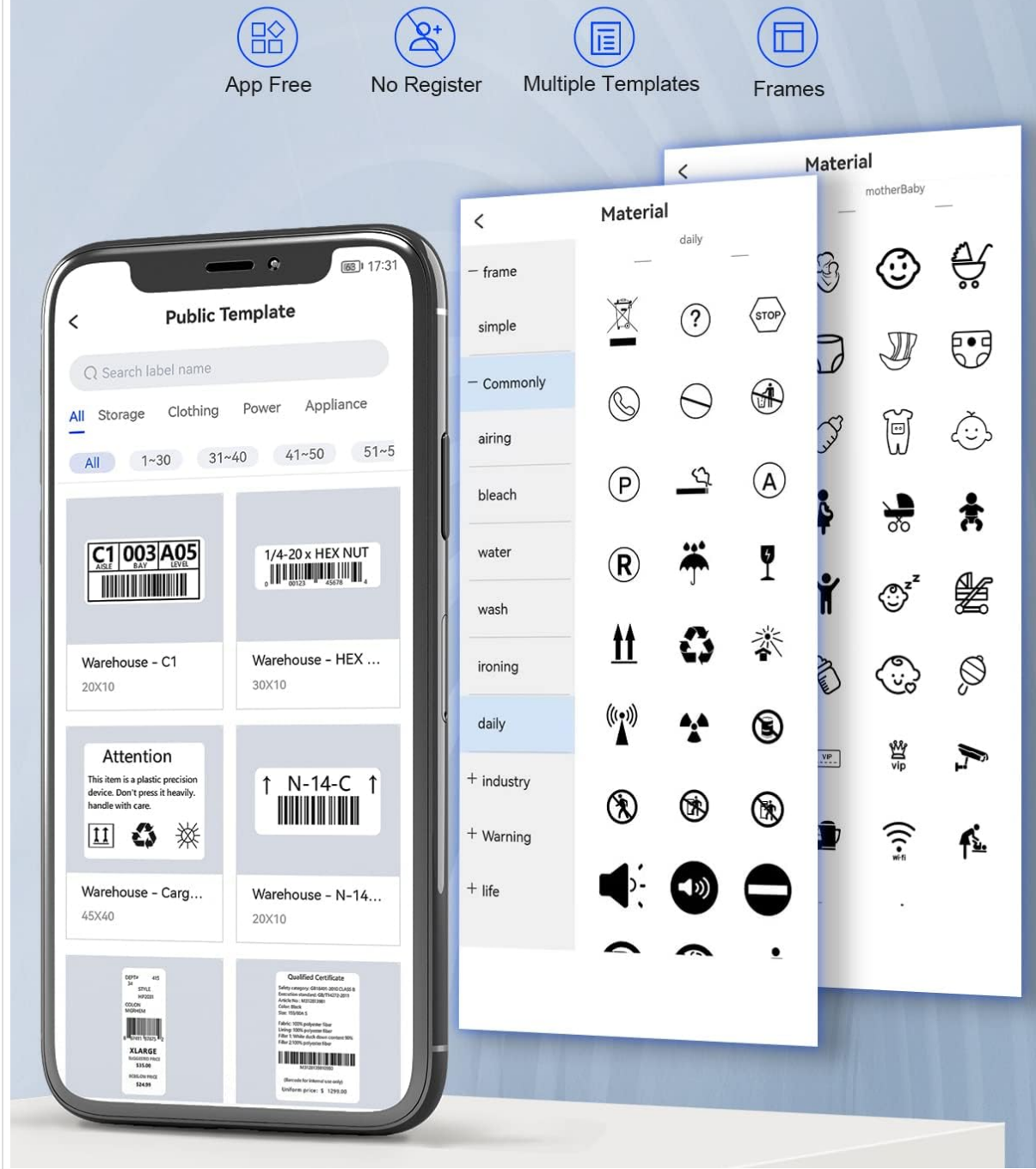


Image 4.1: The CLABEL CT221D Label Printer connected to a laptop, illustrating the ease of setup for various operating systems.

5. OPERATING INSTRUCTIONS

Once your printer is set up and connected, you can begin creating and printing labels.

5.1 Loading Labels

1. Open the printer cover.
2. Place the label roll into the printer, ensuring the labels feed smoothly from the roll and the printing side faces upwards.
3. Adjust the label guides to fit the width of your label roll snugly, preventing crooked printing.

4. Close the printer cover. The printer will automatically detect the label type and size.

5.2 Using the "clabel trade" App (Mobile)

The "clabel trade" app provides extensive features for label creation:

- **Templates:** Choose from over 58 multi-templates for various label types.
- **Customization:** Utilize 11 font styles, over 300 icons, and add graphs, images, or tables.
- **Barcode/QR Code:** Generate and print barcodes (e.g., 12345678) and QR codes (e.g., 0000783456124) directly from the app.
- **Excel Printing:** Supports printing data directly from Excel files.
- **Scan Function:** Improve work efficiency with the app's powerful scan feature.

Compatible with Multiple Size Labels

Maximum Print Width up to 48mm, Load Paper Width up to 58mm

Label Size	Label Content
0.78"x0.39" (20mm×10mm)	CT1003/A05 Bee YOU Boutique \$5 Earring Spook 1
2 "x1" (50mm×25mm)	Blue & Me handcrafted soaps and more
1.57"x1.18" (40mm×30mm)	Blue & Me handcrafted soaps and more
2 "x1.18" (50mm×30mm)	UNIT PRICE RETAIL PRICE \$5.99 \$5.99 PER EACH \$6.99 AA BATTERIES PACK OF 8
1.57 "x1.18" (40mm×40mm)	HOSTESS DANISH APPLE CINNAMON \$3.59

Image 5.1: The "clabel trade" app interface, showcasing template selection, icon libraries, and label customization options.

5.3 Printing Labels

After designing your label in the app or software:

1. Select the "Print" option within your application.
 2. Confirm print settings such as number of copies and label orientation.
 3. The printer will quickly produce the labels. Use the built-in perforator to easily tear off printed labels.
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6. MAINTENANCE

To ensure the longevity and optimal performance of your CLABEL CT221D Label Printer, regular maintenance is recommended.

6.1 Cleaning the Print Head

The thermal print head is a critical component. Clean it periodically to prevent print quality issues.

- Turn off the printer and disconnect the power cable.
- Open the printer cover.
- Gently wipe the print head with an alcohol swab or a soft, lint-free cloth lightly dampened with isopropyl alcohol.
- Allow the print head to dry completely before closing the cover and reconnecting power.

6.2 General Cleaning

Wipe the exterior of the printer with a soft, dry cloth to remove dust and debris.

7. TROUBLESHOOTING

If you encounter issues with your CLABEL CT221D Label Printer, refer to the following common problems and solutions:

7.1 Printer Not Responding / Not Printing

- **Check Power:** Ensure the printer is powered on and the indicator light is blue.
- **Connection:** Verify the Bluetooth connection is active or the USB cable is securely connected to both the printer and the computer.
- **Software/App Status:** Confirm that the printing command was successfully sent from the app or software. Restart the app/software if necessary.
- **Drivers (PC/Mac):** Ensure the correct drivers are installed and the printer is recognized by your operating system.

7.2 Crooked or Misaligned Prints

- **Label Alignment:** Ensure the label roll is properly seated and the label guides are adjusted snugly against the edges of the labels.
- **Label Type:** Verify you are using compatible thermal labels.

7.3 Paper Jams or Labels Tearing

- **Clear Obstructions:** Turn off the printer, open the cover, and carefully remove any torn labels or obstructions from the paper path.

- **Reload Labels:** Ensure the label roll is loaded correctly and not too tight or loose.

7.4 "clabel trade" App Connection Issues

- **Bluetooth On:** Ensure Bluetooth is enabled on your mobile device.
- **Printer Proximity:** Keep the printer within close range of your mobile device.
- **Restart App/Printer:** Close and reopen the app, or power cycle the printer.

7.5 Mac Compatibility Issues

While the printer is advertised as Mac compatible, some users may experience difficulty with driver installation or recognition. Ensure you download the specific Mac drivers from the official website and follow installation instructions carefully. If issues persist, consult CLABEL customer support.











8. SPECIFICATIONS

Feature	Specification
Brand	CLABEL
Model	CT221D
Printing Technology	Direct Thermal
Connectivity	Bluetooth, USB
Compatible Devices	PC (Windows, Mac), Smartphones (iOS, Android)
Maximum Print Width	2.28 inches (58mm)
Supported Label Width	0.78 inches (20mm) - 2.28 inches (58mm)
Maximum Media Size	4 x 6 inch
Print Media	Labels
Max Monochrome Printing Speed	55.0 ppm
Memory Storage Capacity	64 MB
Product Dimensions	11.79 x 15.19 x 11 cm
Item Weight	930 g

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please contact CLABEL customer service through their official website or the contact details provided with your purchase. Ensure you have your product model (CT221D) and purchase details available when contacting support.

Related Documents - CT221D

<div><div>Label Printer Quick Installation Guide</div></div>	<p>Clabel CT221D Label Printer Quick Installation Guide</p> <p>This document provides a quick installation guide for the Clabel CT221D label printer. It covers unpacking, component identification, step-by-step installation, key functions, indicator light meanings, software download instructions, and important usage precautions. Includes FCC compliance information.</p>
<div><div>OS / Android</div><div><ul style="list-style-type: none">Scan the QR code below with a mobile phone to download "CLABEL Label Maker".Please follow the software instructions below to operate the software.</div><div><div>Download on the App Store GET IT ON Google Play</div></div><div><div>Windows</div><div><p>Download and install the software from the website.</p><p>Click the website link to download the software.</p></div><div></div></div></div>	<p>CLABEL Label Maker: Installation Guide for Clabel Trade App and Drivers</p> <p>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.</p>
<div><div>User Manual CT221B Label Printer</div><div>Please read this user manual guide carefully before operating the product.</div></div>	<p>Clabel CT221B Label Printer User Manual - Setup and Operation Guide</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>
<div><div>1. What is the width of the label paper? And what is the function of the Buffer of the paper bar?</div><div></div><div>2. Why the print quality is not good?</div><div></div><div>Please refer the user manual guide for more details.</div></div>	<p>CLABEL 220B Portable Label Maker: FAQ and Usage Guide</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><div>User Manual CT221B Label Printer</div><div>Please read this user manual guide carefully before operating the product.</div></div>	<p>Clabel CT221B Label Printer User Manual</p> <p>User manual for the Clabel CT221B Label Printer, covering setup, operation, and troubleshooting in multiple languages.</p>
<div><div>Driver Installation</div></div>	<p>CLABEL Label Printer Driver and Software Installation Guide</p> <p>A comprehensive guide for installing CLABEL label printer drivers and the OpenLabel+ editing software on macOS, covering download, installation, configuration, and printing steps.</p>