

## CLABEL 221D Pro

# CLABEL CT221D Desktop Bluetooth Label Printer User Manual

Model: CT221D Pro | Brand: CLABEL

## 1. INTRODUCTION

Thank you for choosing the CLABEL CT221D Desktop Bluetooth Label Printer. This compact and efficient direct thermal printer is designed for various labeling needs, from small businesses to home organization. It offers high-speed, ink-free printing and supports a wide range of third-party thermal labels, providing flexibility and cost savings. This manual provides detailed instructions for setting up, operating, and maintaining your printer to ensure optimal performance.



Image 1.1: The CLABEL CT221D printer, showing its compact design, a roll of labels, printed labels, and the associated smartphone application interface.

## 2. SETUP

### 2.1 Package Contents

Please verify that all items are present in your package:

- CLABEL CT221D Label Printer
- Power Adapter

- USB Cable
- 1 Roll of Labels
- User Manual (this document)

## 2.2 Physical Setup

1. Place the printer on a stable, flat surface.
2. Connect the power adapter to the printer's power port and then plug it into a power outlet.
3. Press the power button to turn on the printer. The indicator light will illuminate.

## 2.3 Loading Labels

The CLABEL CT221D printer uses direct thermal labels. Ensure you are using compatible thermal labels with a width between 0.78 inches (20mm) and 2 inches (50mm).

1. Open the printer's top cover.
2. Insert the label roll into the label compartment, ensuring the labels feed from the bottom of the roll and the printable side faces upwards.
3. Pull a few labels out past the print head and align them with the label guides. Adjust the guides to fit the label width snugly but without creasing.
4. Close the top cover firmly until it clicks into place. The printer will automatically detect the label gap and calibrate.

## 2.4 Software and Connectivity

The CLABEL CT221D printer can be operated via a smartphone app or PC software.

### 2.4.1 Mobile App Setup (Bluetooth)

1. Download the "Clabel trade" app from your device's app store (available on App Store for iOS and Google Play for Android).
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the "Clabel trade" app. The app will search for nearby CLABEL printers.
4. Select your printer (e.g., "CT221D" or a similar name) from the list of available devices to connect.

### 2.4.2 PC Software Setup (USB)

1. Turn on the printer.
2. Connect the printer to your computer using the provided USB cable.
3. Download the "Clabel trade" software from the official CLABEL website.
4. Install the software by following the on-screen instructions.



Image 2.1: The CLABEL CT221D printer demonstrating connectivity options with both a laptop via USB and a smartphone via Bluetooth.

### 3. OPERATION

#### 3.1 Creating Labels with the App/Software

The "Clabel trade" app and PC software provide a powerful interface for designing and customizing your labels.

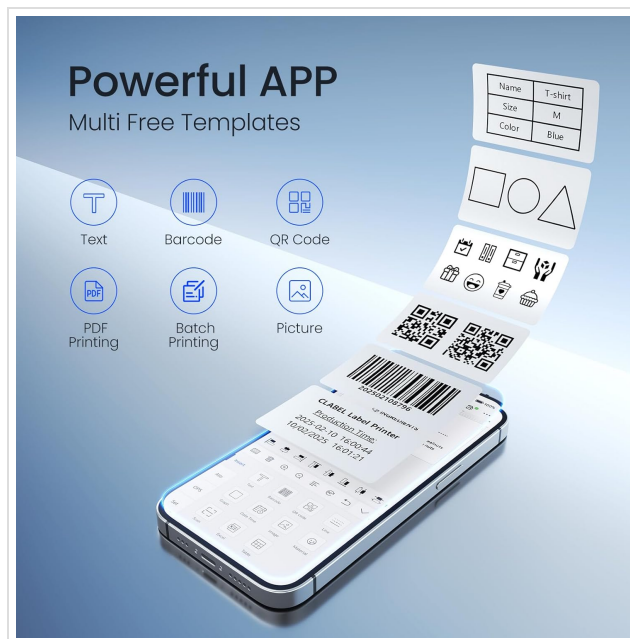


Image 3.1: The CLABEL app interface on a smartphone, displaying options for creating various label elements such as text, barcodes, QR codes, and utilizing templates.

Key features include:

- **Text Input:** Add custom text with various fonts, sizes, and styles.
- **Barcodes & QR Codes:** Generate and print standard barcodes and QR codes for product tracking or information sharing.
- **Images & Logos:** Import and print images or your business logo.
- **Templates:** Utilize a wide array of free, pre-designed templates for common labeling needs.

- **Batch Printing:** Print multiple labels efficiently from a list or database.
- **PDF Printing:** Print labels directly from PDF documents.

### 3.2 Printing Labels

1. After designing your label in the app or software, review the preview to ensure accuracy.
2. Adjust print density (typically from 1-15) if needed for darker or lighter prints.
3. Click the "Print" button. The printer will begin printing your labels.

### 3.3 Supported Label Width

The CLABEL CT221D supports thermal label widths ranging from 0.78 inches (20mm) to 2 inches (50mm). This flexibility allows for various label applications.



Image 3.2: The CLABEL CT221D printer illustrating its capability to adapt to various label widths, from 0.78 to 2 inches.

### 3.4 Common Applications

The versatility of the CLABEL CT221D makes it suitable for numerous scenarios:

- **Small Business:** Price tags, product labels, inventory labels, shipping labels.
- **Office:** File labels, address labels, warning labels, cable identification.
- **Home Use:** Food labels, jar labels, organization labels, craft labels.



Image 3.3: The CLABEL CT221D printer showcasing a variety of labels, including barcodes, ingredient lists, and price tags, highlighting its utility for small businesses.



Image 3.4: Examples of the printer's use in various settings, including labeling beverages, creating price tags, printing address labels, and organizing files.



Image 3.5: Further examples of the printer's versatility, showing labels for workspace organization, cable identification, greeting cards, custom logos, and food jars.

## 4. MAINTENANCE

### 4.1 Cleaning the Printer

Regular cleaning helps maintain print quality and extends the printer's lifespan.

- **Exterior:** Wipe the printer's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Print Head:** The thermal print head can accumulate residue. Use an alcohol swab or a specialized thermal printer cleaning pen to gently wipe the print head when the printer is off and cool. Allow it to dry completely before use.

### 4.2 Label Storage

Store thermal labels in a cool, dry place away from direct sunlight and heat sources to prevent premature fading or damage to the thermal coating.

## 5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Printer not connecting via Bluetooth	Bluetooth is off on device; printer not discoverable; interference.	Ensure Bluetooth is on. Restart printer and device. Move closer to printer. Re-pair device in app.
Poor print quality (faded/blurry)	Low print density; dirty print head; incorrect label type; damaged labels.	Increase print density in app/software. Clean print head. Ensure labels are thermal and undamaged.

Problem	Possible Cause	Solution
Labels not feeding or jamming	Labels incorrectly loaded; label guides too tight/loose; foreign object in path.	Re-load labels correctly. Adjust label guides. Check for and remove any obstructions.
Printer not responding	Printer off; power issue; software/app crash.	Check power connection and power button. Restart printer. Restart app/software.

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

## 6. SPECIFICATIONS




Feature	Detail
Model Name	221D Pro
Printing Technology	Direct Thermal
Connectivity Technology	Bluetooth, USB
Maximum Print Resolution	203 DPI
Maximum Print Speed	55 ppm (Monochrome)
Maximum Media Size	2 Inch (50mm)
Supported Label Width	0.78" - 2" (20mm - 50mm)
Product Dimensions	4.3"D x 5.8"W x 4.64"H
Item Weight	2.16 pounds
Included Components	Labels

## 7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official CLABEL website. You can also contact CLABEL customer service directly for assistance with any issues or questions regarding your CT221D printer.

Thank you for choosing CLABEL.

## Related Documents

	<p><a href="#">CLABEL Label Maker: Installation Guide for Clabel Trade App and Drivers</a></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>
	<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><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>
<p><b>Driver Installation</b></p>	<p><a href="#">CLABEL Label Printer Driver and Software Installation Guide</a></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>