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› CALCA Coffee Latte Art Printer User Manual

## CALCA Coffee Latte Art Printer

# CALCA Coffee Latte Art Printer User Manual

Model: Coffee Latte Art Printer

## 1. INTRODUCTION

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This user manual provides comprehensive instructions for the safe and efficient operation of your CALCA Coffee Latte Art Printer. This device allows for the creation of custom designs, images, and text on various food surfaces, including coffee, desserts, cakes, and cookies, using food-grade edible ink. Please read this manual thoroughly before initial use and retain it for future reference.

## 2. SAFETY INFORMATION

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- Ensure the printer is placed on a stable, level surface.
- Use only the provided power adapter.
- Keep the printer away from water or excessive moisture.
- Do not attempt to open or repair the printer yourself. Contact qualified service personnel for assistance.
- **Edible Ink Safety:** The edible ink used in this printer is certified food-safe. Always use genuine CALCA edible ink cartridges to ensure safety and optimal performance.
- Keep ink cartridges out of reach of children.
- Unplug the printer from the power outlet before cleaning or maintenance.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- CALCA Coffee Latte Art Printer

- Edible Ink Cartridge (pre-installed or separate)
- Power Adapter
- User Manual (this document)
- Cleaning Kit (if included)

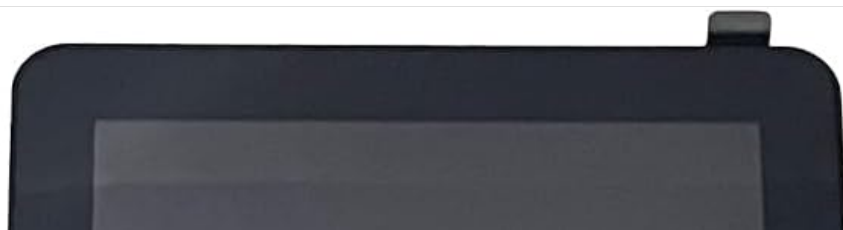
## **4. PRODUCT OVERVIEW**

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Familiarize yourself with the main components of your CALCA Coffee Latte Art Printer.



**Figure 4.1:** CALCA Coffee Latte Art Printer. This image shows the printer from an angled view, highlighting its compact design and the integrated display screen. A coffee cup with a printed design is visible on the printing platform.





**Figure 4.2:** Front View of the Printer. This image provides a direct front view of the printer, showcasing the display screen and the indicator lights on the front panel.



**Figure 4.3:** Printer Dimensions. This diagram illustrates the physical dimensions of the printer, including its width (10.6 inches), depth (13.4 inches), and height (16.1 inches).

## 5. SETUP GUIDE

### 5.1 Unpacking and Placement

1. Carefully remove the printer and all accessories from the packaging.
2. Place the printer on a stable, flat, and dry surface with adequate ventilation.
3. Ensure there is enough space around the printer for operation and maintenance.

### 5.2 Power Connection

1. Connect the power adapter to the printer's power input port.
2. Plug the power adapter into a suitable electrical outlet (AC110V-220V, 50HZ/60HZ).
3. Press the power button to turn on the printer. The display screen will illuminate.

### 5.3 Ink Cartridge Installation

If the edible ink cartridge is not pre-installed:

1. Open the ink cartridge cover on the printer.
2. Carefully insert the edible ink cartridge into its designated slot until it clicks into place.
3. Close the ink cartridge cover.

### 5.4 Wi-Fi Connection

1. On the printer's display screen, navigate to the "Settings" menu.
2. Select "Wi-Fi" and choose your desired network from the list.
3. Enter the Wi-Fi password if prompted.
4. Once connected, the printer will display a confirmation message.

## 6. OPERATING INSTRUCTIONS

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The CALCA Coffee Latte Art Printer is designed for ease of use, requiring no external app or software.

### 6.1 Preparing for Printing

1. Ensure the printer is powered on and connected to Wi-Fi.
2. Place the cup, cookie, cake, or other food item onto the printing platform. Ensure it is centered and stable. The platform will automatically adjust to the correct height.
3. For best results on beverages, ensure a smooth, stable foam layer on top of the drink.

### 6.2 Selecting a Design

You have three options for selecting a design:

1. **Preset Patterns:** On the printer's display screen, browse and select from the built-in library of classic coffee decoration patterns.
2. **Scan QR Code:** Use your smartphone to scan the QR code displayed on the printer screen. This will open a web interface on your phone.
3. **Upload from Phone:** Through the web interface accessed via QR code, you can upload images directly from your phone's gallery or take a new photo using your phone's camera.

### 6.3 Initiating the Print

1. After selecting your design (either preset or uploaded), confirm your selection on the printer's display.
2. Press the "Print" button on the screen.
3. The printer will begin the printing process, which typically takes 5-15 seconds. The platform will lower, the print head will move, and the design will be applied.
4. Once printing is complete, the platform will return to its original position. Carefully remove your decorated item.

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**Video 6.1:** Demonstration of the CALCA Coffee Latte Art Printer in operation. This video shows a user selecting a design on the printer's screen, placing a coffee cup, and the printer applying a rose design to the coffee foam. The process from selection to finished print is demonstrated.



**Figure 6.4:** Example of latte art on coffee. This image displays a coffee cup with a detailed butterfly pattern printed on the foam surface.



**Figure 6.5:** Example of printing on toast. This image shows a slice of toast adorned with a creative planet and stars design.



**Figure 6.6:** Example of printing on cookies. This image features multiple cookies, each decorated with unique bear and heart patterns.



**Figure 6.7:** Example of printing on small cakes. This image displays individual cakes with the word 'KIND' printed on their upper surfaces.

## 7. MAINTENANCE

### 7.1 Cleaning the Printer

1. Before cleaning, ensure the printer is turned off and unplugged from the power outlet.
2. Wipe the exterior of the printer with a soft, damp cloth. Do not use abrasive cleaners or solvents.
3. Gently clean the printing platform to remove any food residue.
4. If a cleaning kit is provided, follow its instructions for cleaning the print head.

### 7.2 Ink Cartridge Replacement

1. When the ink level is low or the print quality deteriorates, it's time to replace the cartridge.
2. Turn off the printer and open the ink cartridge cover.
3. Carefully remove the old cartridge and dispose of it responsibly.
4. Insert a new, genuine CALCA edible ink cartridge as described in Section 5.3.

5. Close the cover and turn on the printer.

### 7.3 Ink Cartridge Storage

- Unopened ink cartridges have a shelf life of one year.
- After unpacking, the ink cartridge should be used within six months for optimal performance and safety.
- Store cartridges in a cool, dry place, away from direct sunlight.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Printer does not power on.	Power cable not connected; power outlet issue.	Ensure power cable is securely connected. Test the outlet with another device.
Poor print quality or faded prints.	Low ink level; clogged print head; old ink cartridge.	Replace the ink cartridge. Perform a print head cleaning cycle (if available). Ensure ink cartridge is not expired.
Cannot connect to Wi-Fi.	Incorrect password; out of range; network issue.	Double-check Wi-Fi password. Move printer closer to router. Restart router and printer.
Printing platform not moving.	Obstruction; mechanical issue.	Check for any obstructions. Power cycle the printer. If issue persists, contact support.

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Coffee Latte Art Printer
Printing Accuracy	600 dpi
Printing Speed	5-15 seconds per cup
Diameter of Cup/Item	1.6 - 4 inches (40-100mm)
Print Height (Height of Cup)	2 - 7.1 inches (50-180mm)
Ink Cartridge Print Times	800-1000 cups
Capacity of Ink Cartridge	15ml
Print Color	Brown
Network Parameters	WiFi 802.11b/g/n
Ink Cartridge Shelf Life	1 year (unopened) / 6 months (after unpacking)
Printer Size (L x W x H)	13.4 x 10.6 x 16.1 inches (270mm x 340mm x 410mm)
Printer Weight	26.5 lbs (12 kg)
Voltage	AC110V-220V, 50HZ / 60HZ, 1 phase
Power	18W
Connectivity Technology	Wi-Fi
Special Feature	Connect to WIFI, no APP or software required
UPC	793288005873

## 10. WARRANTY AND SUPPORT

### 10.1 Limited Warranty

This CALCA Coffee Latte Art Printer comes with a limited warranty. Please refer to the warranty card included in your package or contact CALCA customer service for specific terms and conditions.

### 10.2 Customer Support

For technical assistance, troubleshooting, or inquiries regarding your product, please contact CALCA customer support. Contact information can typically be found on the official CALCA website or on your purchase documentation.