CATIGA CP-90A

CATIGA CP-90A Printing Calculator User Manual

Model: CP-90A

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your CATIGA CP-90A Printing Calculator. Designed for accounting, business, and home office use, this device functions as an adding machine with print-out capabilities. Please read this manual thoroughly to ensure proper use and to maximize the functionality of your calculator.

Image: The CATIGA CP-90A Printing Calculator, showcasing its display, keypad, and paper roll output.

Setup

1. Power Sources

The CATIGA CP-90A can be powered by either an AC adapter or 4 AA batteries (not included), offering flexibility for both desktop and portable use.

- **AC Adapter:** Connect the included AC adapter to the calculator's power port and then to a standard electrical outlet.
- **Batteries:** For mobile use, insert 4 AA batteries into the battery compartment located on the underside of the calculator. Ensure correct polarity.

TWO POWER
SOURCES
EITHER AC ADAPTOR
OR BATTERY
(Batteries Not Included)

Image: View of the calculator's underside, illustrating the battery compartment and AC adapter connection point.

2. Paper Roll Installation

The CP-90A features an easy-to-load paper mechanism for quick setup.

1. Open the paper roll cover.
2. Place a new paper roll into the compartment, ensuring the paper feeds from the bottom.
3. Thread the leading edge of the paper through the printer slot until it emerges above the print head.
4. Close the paper roll cover.
5. Use the **FEED** button to advance the paper if needed.

3. Ink Roller Installation/Replacement

The calculator uses an industry-standard IR-40T ink roller for two-color printing (blue and red).

1. Ensure the calculator is turned off.
2. Gently lift the printer cover to access the ink roller compartment.
3. Remove the old ink roller by carefully pulling it upwards.
4. Unpack the new IR-40T ink roller.
5. Insert the new ink roller, ensuring it clicks securely into place.
6. Close the printer cover.

OPERATING INSTRUCTIONS

1. Understanding Adding Machine Logic

It is important to note that the CATIGA CP-90A functions as an **adding machine**, not a standard desktop calculator. This means operations are processed differently, especially for subtraction.

- **Addition Example (4 + 2):** Press **4**, then **+** , then **2**, then **+** . The display will show the running total.
- **Subtraction Example (4 - 2):** Press **4**, then **+** , then **2**, then **-** . The display will show the result.
- The machine adds each entry to a running total. To show and print a subtotal without finalizing the total, press the **◇*** key.

NOT A STANDARD CALCULATOR

THIS IS A FUNCTIONAL ADDING MACHINE

Example:

· To add 4 + 2, enter: 4 + 2 ➕ (see details in Q1)
· To subtract 4 - 2, enter: 4 + 2 ➖ (see details in Q2)
· The machine adds each entry to a running total.
· Press "✳" to show and print the subtotal without finalizing the total.

Q1: 4 + 2 = 6

Operation	Display	Print-Out
C · CE	0	0. C
4 +	4	4. +
2 ➕	6	2. +
✳	6	6. G+

Q2: 4 − 2 = 2

Operation	Display	Print-Out
C · CE	0	0. C
4 +	4	4. +
2 ➖	2	2. −
✳	2	2. G+

For more functions and examples, please refer to the manual.

Image: Visual guide demonstrating the operational differences of an adding machine for basic arithmetic.

2. Key Functions Overview

The CP-90A includes various keys for efficient financial calculations:

- **ON/OFF:** Powers the calculator on or off.
- **C/CE:** Clear Entry / Clear All. Clears the last entry or all entries.
- **TAX+ / TAX-:** Automatic Tax Keys for adding or subtracting tax.
- **COST / SELL / MARGIN:** Keys for profit margin calculations.
- **GT (Grand Total):** Calculates the grand total of all operations.
- **M+, M-, M*:** Memory Plus, Memory Minus, Memory Recall/Clear.
- **% (Percent):** Percentage calculations.
- **FEED:** Advances the paper roll.
- **Date & Time:** Allows setting and printing of date and time.
- **Rounding Switch:** Adjusts rounding settings.
- **Decimal Switch:** Sets the number of decimal places.
- **Backspace:** Corrects the last entered digit.

Image: An overview of the calculator's key functions and features.

3. Display and Ergonomics

The calculator features a clear 4-inch display capable of showing up to 12 digits, reducing eye strain during long periods of use. Its ergonomic angle design (30-degree tilt) provides easier viewing and improved user comfort.

Image: Illustration of the calculator's dimensions, display size, and ergonomic design.

MAINTENANCE

1. Cleaning

To maintain the calculator's appearance and functionality:

- Wipe the exterior with a soft, dry cloth.
- For stubborn marks, use a slightly damp cloth with mild soap, then wipe dry immediately.
- Avoid using abrasive cleaners or solvents, as these can damage the surface.
- Keep the display clean and free of dust for optimal readability.

2. Ink Roller Replacement

Replace the IR-40T ink roller when print quality diminishes. Refer to the "Ink Roller Installation/Replacement" section under Setup for detailed steps.

TROUBLESHOOTING

If you encounter issues with your CATIGA CP-90A, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Calculator does not power on.	No power from AC adapter or depleted batteries.	Ensure AC adapter is securely connected and outlet is functional. Replace AA batteries if using battery power.
No print or faint print.	Ink roller is dry or incorrectly installed.	Replace the IR-40T ink roller. Ensure it is properly seated.
Paper does not feed.	Paper roll incorrectly installed or jammed.	Re-install the paper roll, ensuring it is threaded correctly. Clear any paper jams.
"E" error displayed.	General error, possibly related to paper feed or internal issue.	Press **C/CE** to clear the error. Check paper roll installation and ensure no obstructions. If the error persists, contact customer support.

SPECIFICATIONS

- **Model:** CP-90A
- **Brand:** CATIGA
- **Display:** 12-digit, 4-inch screen
- **Dimensions:** 8.5 x 5.8 x 0.04 inches (Product)
- **Weight:** 1.37 pounds
- **Power Source:** AC Adapter (included) or 4 AA Batteries (not included)
- **Printer Type:** 2-Color Ink (Blue and Red)
- **Ink Roller:** IR-40T (standard replaceable)
- **Features:** Automatic Tax Keys, Rounding Switch, Decimal Switch, Backspace, Percent Key, Grand Total Function, Key Memory, Date & Time, On/Off Button, Ergonomic Angle Design.

WARRANTY AND SUPPORT

CATIGA is committed to providing quality products and customer satisfaction.

- **Return Policy:** This product is backed by a 30-day unconditional return guarantee.
- **Customer Support:** Lifetime support is available by phone from 9 AM to 5 PM PST. 24/7 customer support is also available.
- **Protection Plans:** Extended protection plans (3-Year and 4-Year) are available for purchase separately.
- For further assistance, please visit the official CATIGA store: CATIGA Store on Amazon.

Image: Visual representation of available customer support and warranty information.