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> CATIGA CP90A Printing Calculator User Manual

CATIGA CP90A

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Model: CP90A

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your CATIGA CP90A Printing Calculator. Designed for accounting, business, finance, and home office use, this adding machine offers reliable functionality with a tape print-out feature. Please read this manual thoroughly before using the calculator to ensure optimal performance and longevity.



Figure 1: Front view of the CATIGA CP90A Printing Calculator.

KEY FEATURES

- **Adding Machine Logic:** Operates with accounting logic, where subtraction is performed by adding a negative value. For example, 4 - 2 is entered as 4 [+] 2 [-] followed by the Subtotal Key [*].
- **2-Color Ink Printer:** Utilizes blue and red ink for clear differentiation of debits (red) and credits (blue). Uses standard IR-40T ink rollers.
- **Professional Accounting Functions:** Includes Tax Calculation, Grand Total, Item Count, and Cost/Sell/Margin analysis.
- **Upgraded Design & Dual Power:** Features an easy-load paper mechanism, curved ergonomic keys, and an on/off switch. Powered by an AC adapter (included) or 4 AA batteries (not included).
- **4-Inch 12-Digit Display:** Large LCD screen provides clear visibility for up to 12-digit calculations.

MAJOR UPGRADES
For Better User Experience

- **Easy To Load Paper Mechanism**
- **Curved Ergonomic Buttons**
- **On/Off Switch With Itemizing Option**
- **Detailed Instruction Manual With Examples**

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CP-90A User Manual EN / Manual De Usuario ES
ENGLISH

GENERAL MAINTENANCE

OPERATION

REPLACING THE INK ROLLER (IR-40T)

Figure 2: Major upgrades for improved user experience.

FUNCTIONS












-  Automatic Tax Keys
-  Rounding Switch
-  Decimal Switch
-  Backspace Memory
-  Percent Key
-  Grand Total Function
-  Key Memory
-  Date & Time
-  On/Off Button

Figure 3: Overview of calculator functions.

SETUP

1. Power Source Installation

The CATIGA CP90A can be powered by either the included AC adapter or four AA batteries (not included).

- AC Adapter:** Connect the AC adapter to the power jack on the side of the calculator and plug it into a standard electrical outlet.
- Batteries:** Open the battery compartment cover on the bottom of the calculator. Insert four AA batteries, ensuring correct polarity (+/-). Close the cover securely.

TWO POWER SOURCES

EITHER AC ADAPTOR
OR BATTERY
(Batteries Not Included)



Figure 4: Dual power sources: AC adaptor or AA batteries.

2. Paper Roll Installation

To install a new paper roll:

1. Open the paper roll cover located at the top rear of the calculator.
2. Place the new paper roll into the compartment, ensuring the paper feeds from the bottom of the roll.
3. Feed the leading edge of the paper through the printer slot until it emerges from the front.
4. Close the paper roll cover. Use the FEED button to advance the paper if needed.

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.

Figure 5: Easy paper roll loading.

3. Ink Roller Installation/Replacement

The calculator uses an IR-40T standard ink roller. To replace it:

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

OPERATING INSTRUCTIONS

1. Basic Operations (Adding Machine Logic)

The CATIGA CP90A operates as an adding machine, which differs from a standard calculator. All operations are treated as additions to a running total. Subtraction is performed by adding a negative number.

- **Addition:** Enter the first number, press **[+]**. Enter the second number, press **[+]**. The display shows the running total.
- **Subtraction:** Enter the first number, press **[+]**. Enter the number to subtract, press **[-]**. The display shows the running total.
- **Subtotal:** Press **[*]** to display and print the subtotal without clearing the running total.
- **Grand Total:** Press **[GT]** to display and print the final total and clear the memory.



PRINTING CALCULATOR

LOGIC

This is a printing calculator/adding machine and **DOES NOT** function like a standard desktop calculator.

Figure 6: Understanding adding machine logic.

2. Special Functions

- **Tax Calculation:** Use the **[TAX+]** and **[TAX-]** keys to add or subtract a pre-set tax rate. Refer to the full manual for setting the tax rate.
- **Cost/Sell/Margin:** These keys allow for quick calculation of profit margins. Enter two of the three values (Cost, Sell, Margin) and press the third key to calculate the missing value.
- **Date & Time:** Press the **[Date/Time]** button to print the current date and time on the tape. Refer to the full manual for setting the date and time.
- **Rounding Switch:** Adjusts how calculations are rounded (e.g., up, down, or 5/4 rounding).
- **Decimal Switch:** Sets the number of decimal places for calculations.

- **Backspace Memory:** Corrects the last entered digit.
- **Percent Key:** Performs percentage calculations.
- **Key Memory:** Stores and recalls values from memory. Use **[M+]** to add to memory, **[M-]** to subtract from memory, **[M*]** to recall memory, and **[MO]** to clear memory.

MAINTENANCE

1. Cleaning

To maintain the calculator's appearance and functionality:

- Wipe the exterior with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Keep the printer mechanism free of dust and paper debris.

2. Storage

When not in use for extended periods, store the calculator in a cool, dry place. If using batteries, remove them to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Calculator does not turn on.	No power from AC adapter or dead batteries.	Check AC adapter connection or replace batteries.
Printer not printing or printing faintly.	Ink roller is dry or incorrectly installed; paper jam.	Replace ink roller (IR-40T) or re-install correctly. Clear any paper jams.
Incorrect calculation results.	Incorrect input method (not using adding machine logic).	Review "Basic Operations (Adding Machine Logic)" section. Ensure correct key presses for addition and subtraction.
Paper does not feed.	Paper roll incorrectly installed or empty.	Re-install paper roll correctly or replace with a new one.

SPECIFICATIONS

- **Brand:** CATIGA
- **Model:** CP90A
- **Calculator Type:** Printing Adding Machine
- **Display:** 4-inch LCD, 12-digit capacity
- **Power Source:** AC Adapter (included) or 4 x AA Batteries (not included)
- **Ink Roller:** Standard IR-40T (2-color: Red/Blue)
- **Dimensions (L x W):** 8.5" x 5.8"
- **Enclosure Material:** Plastic
- **UPC:** 813629023448



Figure 7: Calculator dimensions and display.

OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: An overview of the CATIGA CP90A Printing Calculator, highlighting its features and functionality as an adding machine.

WARRANTY AND SUPPORT

CATIGA is committed to providing quality products and customer satisfaction.

- **30-Day Return Guarantee:** Enjoy a 30-day unconditional return guarantee from the date of purchase.
- **Lifetime Support:** We offer lifetime support for our products. Our customer support team is available by phone from 9 AM to 5 PM PST.
- **24/7 Customer Support:** For general inquiries and assistance, 24/7 customer support is available.

For further assistance, please refer to the contact information provided with your product packaging or visit the official CATIGA

website.

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