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Casio HR-170RC

Casio HR-170RC Printing Calculator User Manual

Model: HR-170RC

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Casio HR-170RC Printing Calculator. This desktop printing calculator is designed for efficient everyday calculations, featuring two-color printing and specialized functions for business use.



Figure 1: Casio HR-170RC Printing Calculator

Key features include:

- 1-line screen displaying up to 12 characters.
- Prints up to 2 lines per second in two colors.
- Cost/Sell/Margin functionality for profit computation.
- Check function allowing review and correction of up to 150 steps.
- After Print function for reprinting receipts after corrections.
- Integrated clock and calendar function for time and date printing.

SETUP

1. Unpacking

Carefully remove the calculator from its packaging. Ensure all components are present: the Casio HR-170RC calculator, the AC power adapter, and any included documentation.

2. Power Source

The Casio HR-170RC can be powered by either AA batteries or the included AC power adapter.

- **Battery Installation:** Open the battery compartment cover on the underside of the calculator. Insert four (4) AA batteries, ensuring correct polarity (+/-). Close the cover securely.
- **AC Adapter Connection:** Insert the small plug of the AC adapter into the DC IN jack located on the side or rear of the calculator. Plug the other end of the AC adapter into a standard electrical outlet.

For continuous use, it is recommended to use the AC adapter.

3. Paper Roll Installation

To install a new paper roll:

1. Open the paper roll cover, typically located at the top rear of the calculator.
2. Place the new paper roll into the compartment, ensuring the paper feeds from the bottom and up towards the printing mechanism.
3. Feed the leading edge of the paper into the paper slot until it emerges from the top of the printer.
4. Press the **FEED** button to advance the paper a few inches.
5. Close the paper roll cover.





Figure 2: Paper roll installed in the calculator

OPERATING INSTRUCTIONS

This section details the various functions and operations of the Casio HR-170RC Printing Calculator.

1. Basic Calculations

- **Addition (+):** Enter the first number, press **+**, enter the second number, press **+**. The sum will be displayed and printed.
- **Subtraction (-):** Enter the first number, press **-**, enter the second number, press **-**. The difference will be displayed and printed.
- **Multiplication (X):** Enter the first number, press **X**, enter the second number, press **=**. The product will be displayed and printed.
- **Division (÷):** Enter the dividend, press **÷**, enter the divisor, press **=**. The quotient will be displayed and printed.
- **Clear Entry (CE):** Clears the last entered number.
- **Clear All (C):** Clears all entries and calculations.

2. Special Functions

- **Cost/Sell/Margin (COST / SELL / MAR):** These keys allow for quick calculation of profit margins. Enter two of the three values (Cost, Sell, Margin), then press the key for the unknown value to calculate it.
- **Check and Correct (CHECK / CORRECT):**
 - Press **CHECK** to review up to 150 previous calculation steps. Use the arrow keys (▲ / ▼) to navigate through the steps.
 - If an error is found, press **CORRECT** to modify the incorrect entry.
- **After Print (REPRINT):** After making corrections using the Check and Correct function, press **REPRINT** to print a new receipt reflecting the corrected calculations.
- **Clock and Calendar (TIME / CAL):**
 - To print the current time, press **TIME**.
 - To print the current date, press **CAL**.
 - Refer to the full manual for setting time and date.
- **Tax Calculation (TAX+ / TAX-):**
 - Set the tax rate using the appropriate mode (refer to full manual).
 - Enter a value, then press **TAX+** to add tax or **TAX-** to subtract tax.
- **Memory Functions (M+ / M- / MR / MC):**
 - **M+:** Adds the displayed value to memory.
 - **M-:** Subtracts the displayed value from memory.
 - **MR:** Recalls the value stored in memory.
 - **MC:** Clears the memory.
- **Percentage (%):** Used for percentage calculations.
- **Item Count (ITEM):** Counts the number of entries.
- **Print On/Off (ON OFF PRT):** Toggles the printing function on or off. When off, calculations are displayed but not printed.
- **Feed (FEED):** Advances the paper roll.
- **Rounding and Decimal Settings:** Use the slider switch (ADD2, 5/4, 0, 2, 3, 4, F) to select the desired decimal place and rounding method.



Figure 3: Top view of the calculator showing key layout

MAINTENANCE

1. Cleaning

To maintain the calculator's appearance and functionality:

- Wipe the exterior with a soft, dry cloth.
- For stubborn dirt, slightly dampen the cloth with water and a mild detergent, then wipe dry immediately.
- Do not use abrasive cleaners, solvents, or alcohol, as these can damage the surface.
- Avoid spraying liquids directly onto the calculator.

2. Paper Roll Replacement

When the paper roll runs out or the print becomes faint, replace it following the steps in the "Setup" section. Use standard 2.25-inch (57mm) thermal paper rolls designed for printing calculators.

3. Ink Roller/Ribbon Replacement

The Casio HR-170RC uses an ink roller for printing. If the print output becomes too light or incomplete, the ink roller may need replacement. Refer to the full product manual for specific instructions on replacing the ink roller, as the procedure may vary slightly by model revision.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Casio HR-170RC Printing Calculator.

Problem	Possible Cause	Solution
Calculator does not turn on.	No power from batteries or AC adapter.	Check battery installation and charge. Ensure AC adapter is securely plugged into both the calculator and a working outlet.
No print output.	Print function is off, paper jam, or ink roller needs replacement.	Ensure the ON OFF PRT switch is in the "ON" position. Check for paper jams and clear if necessary. Replace the ink roller if print is faint or absent.
"P-error" displayed.	Printer mechanism error or paper issue.	Turn the calculator off and then on again. Check for paper jams or ensure the paper roll is correctly installed. If the error persists, consult Casio support.
Incorrect calculation results.	Incorrect input or mode setting.	Double-check your input. Ensure the decimal and rounding settings are appropriate for your calculation. Use the CHECK function to review steps.
Display is blank or dim.	Low battery power.	Replace batteries or use the AC adapter.

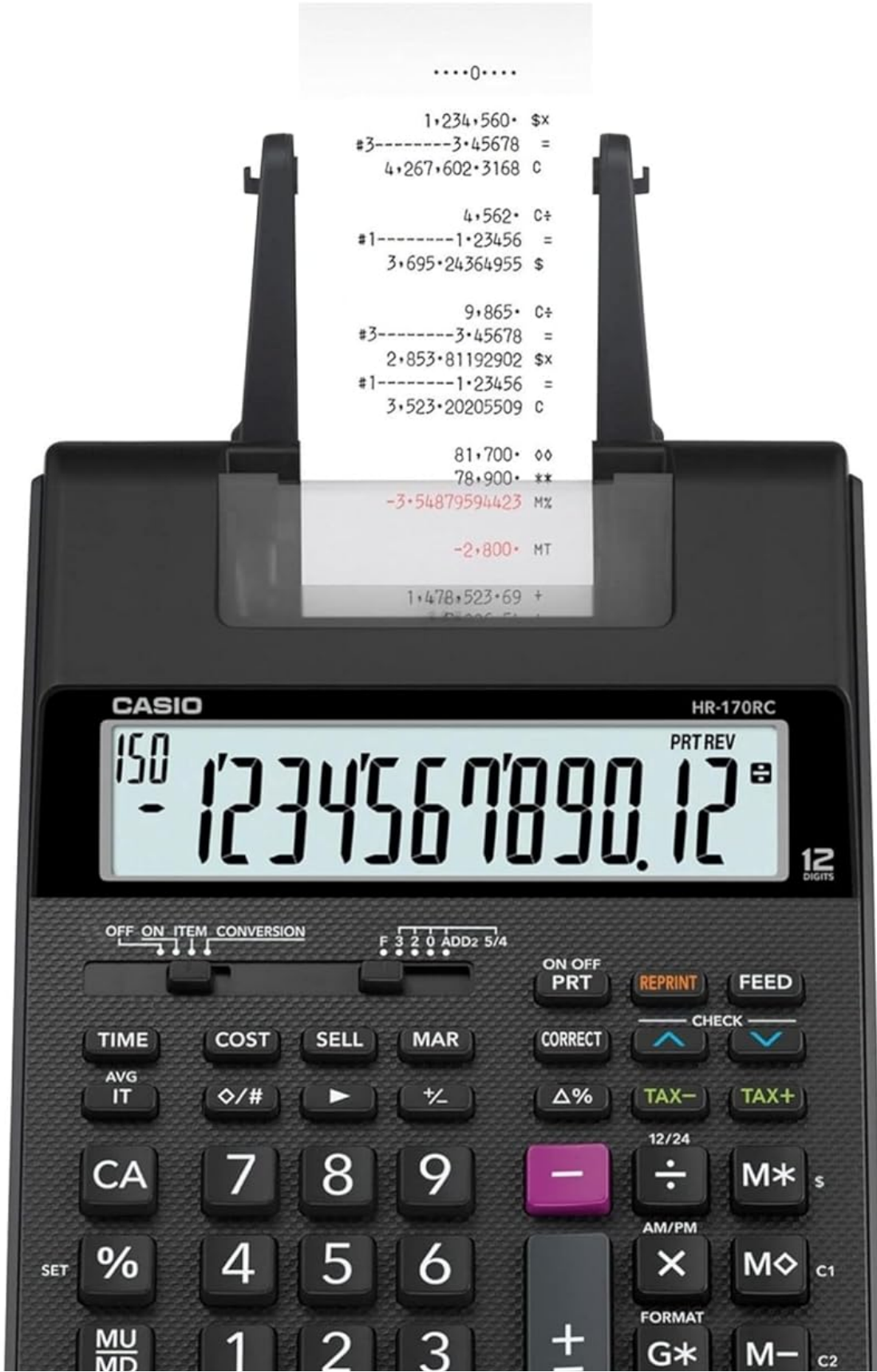
If the problem persists after attempting these solutions, please contact Casio customer support.

SPECIFICATIONS

Feature	Detail
Model Number	HR-170RC
Product Dimensions (L x W x H)	11.6 x 6.5 x 2.6 inches (29.5 x 16.5 x 6.6 cm)
Item Weight	1.26 pounds (0.57 kg)
Power Source	4 AA batteries or AC Adapter (included)
Display	1-line, 12-digit LCD
Print Speed	Up to 2 lines per second
Print Color	Two-color printing (black and red)

Feature	Detail
Color	Black
Manufacturer	Casio Computer Co., Ltd
Country of Origin	Philippines
ASIN	B07G561CSD

11.6"



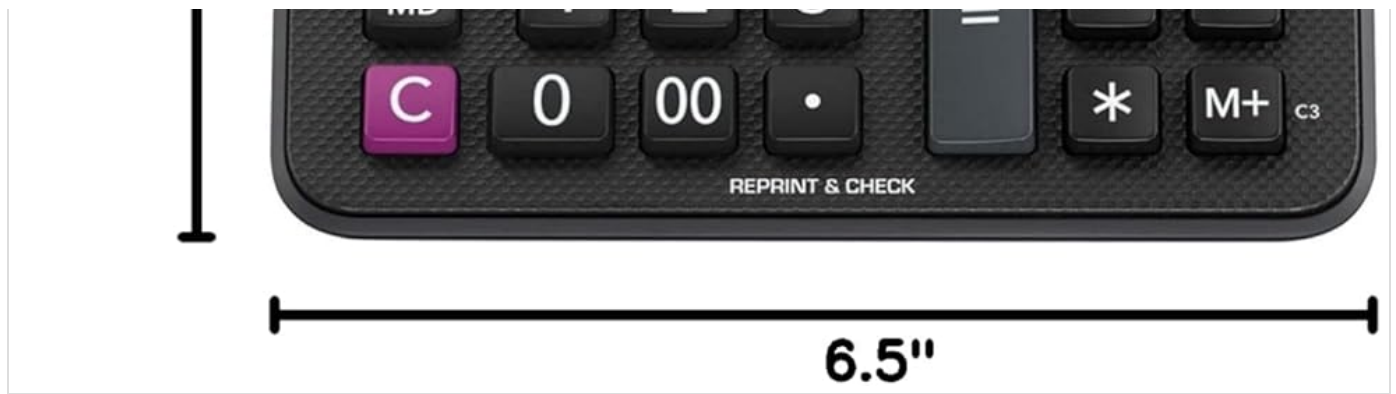


Figure 4: Dimensions of the Casio HR-170RC Printing Calculator

WARRANTY AND SUPPORT

Casio products are manufactured to high quality standards and come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Casio website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Casio customer service. Contact information can typically be found on the Casio website or in the product packaging.

California Proposition 65 Warning:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.