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Casio SL-310UC-GN

CASIO SL-310UC-GN Calculator User Manual

Model: SL-310UC-GN

1. INTRODUCTION

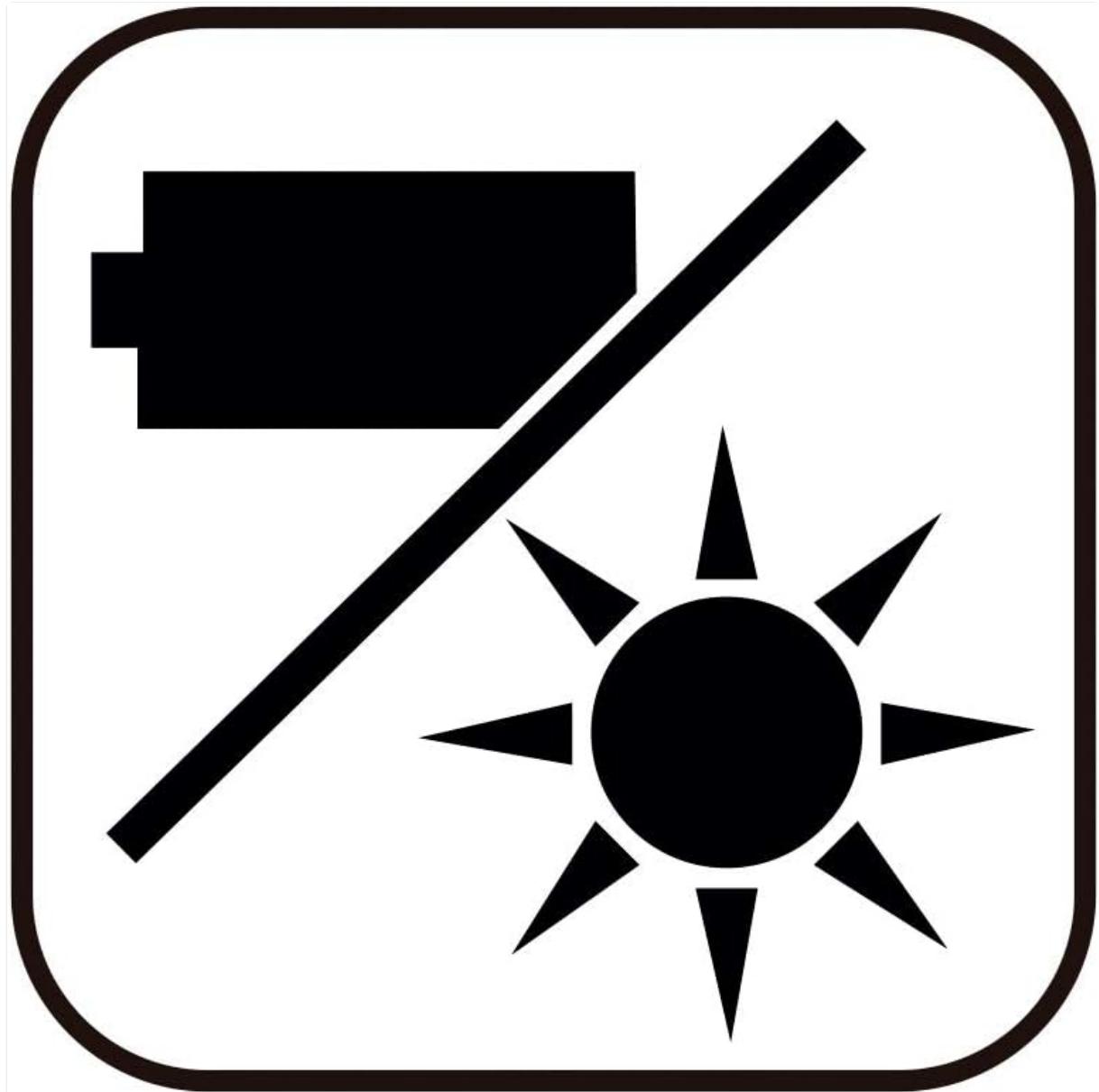
Thank you for choosing the Casio SL-310UC-GN calculator. This compact and efficient calculator is designed for everyday use, offering a 10-digit extra-large display and essential functions such as tax, percentage, memory, and square root calculations. This manual provides detailed instructions to help you get the most out of your device.

Front view of the Casio SL-310UC-GN calculator, showing the display and all keys.

2. SETUP

2.1 Power Source

The Casio SL-310UC-GN calculator operates primarily on solar power. It is equipped with a built-in solar panel that charges the internal battery when exposed to light. For optimal performance, ensure the solar panel is not obstructed during use. The calculator also has a battery backup for use in low-light conditions.



An icon indicating the calculator's solar power capability, showing a battery and a sun symbol.

2.2 Initial Use

To turn on the calculator, simply expose the solar panel to light or press the **AC/ON** button. The display will show '0'. If the display does not appear, ensure sufficient light is available or that the battery is not completely depleted.

3. OPERATING INSTRUCTIONS

3.1 Basic Calculations

Perform standard arithmetic operations:

- **Addition:** Enter the first number, press **+**, enter the second number, then press **=**.
- **Subtraction:** Enter the first number, press **-**, enter the second number, then press **=**.
- **Multiplication:** Enter the first number, press **×**, enter the second number, then press **=**.
- **Division:** Enter the first number, press **÷**, enter the second number, then press **=**.

3.2 Percentage Calculations

Use the **%** key for percentage calculations.

- **To calculate a percentage of a number:** Enter the number, press **×**, enter the percentage value, then press **=**

%. (e.g., $100 \times 10\% = 10$)

- **To add a percentage:** Enter the number, press +, enter the percentage value, then press %. (e.g., $100 + 10\% = 110$)
- **To subtract a percentage:** Enter the number, press -, enter the percentage value, then press %. (e.g., $100 - 10\% = 90$)

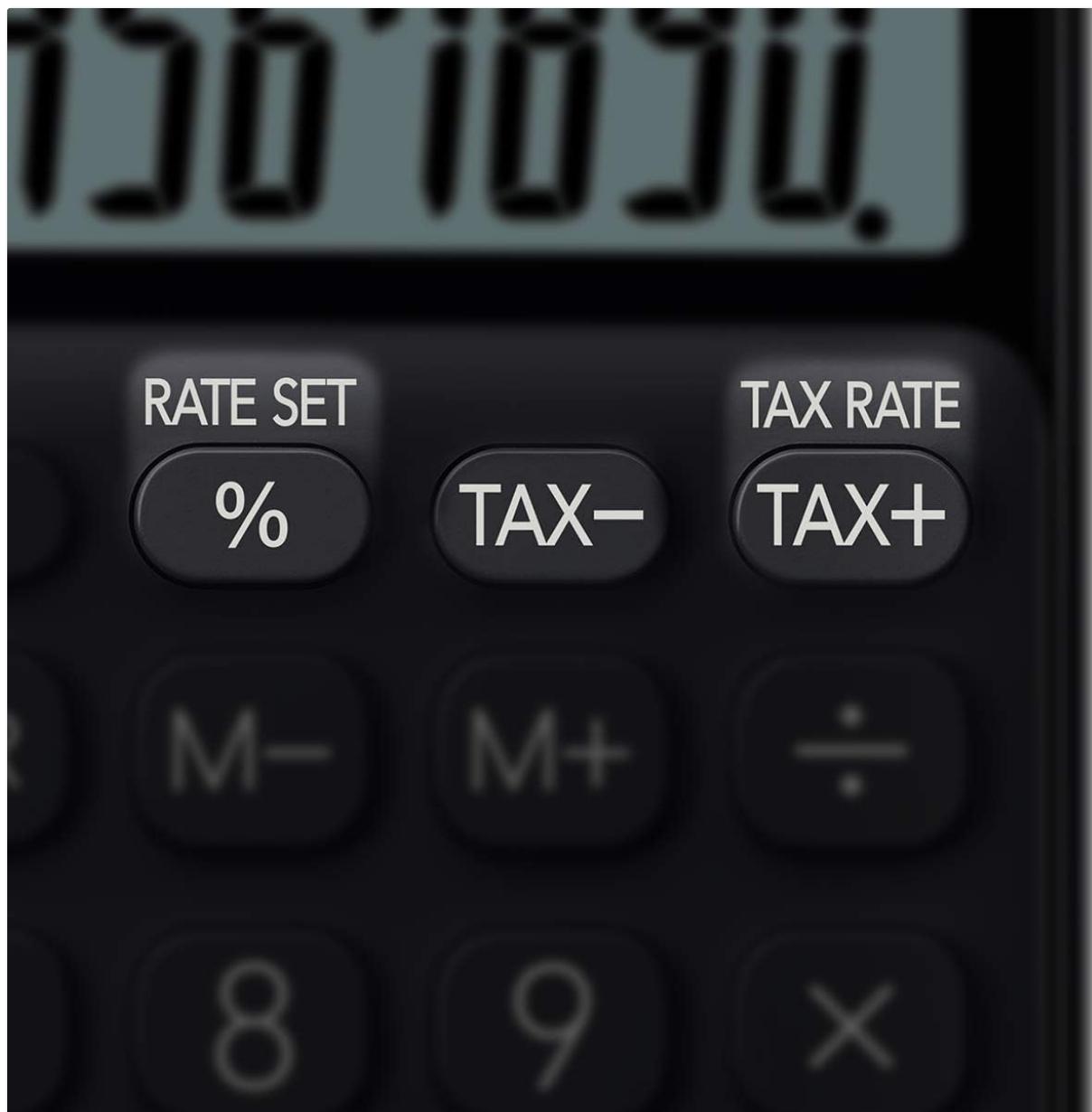
3.3 Tax Calculations

The calculator features dedicated keys for tax calculations. First, set the tax rate:

1. Press **RATE SET**.
2. Enter the tax rate (e.g., 5 for 5%).
3. Press **RATE SET** again to save.

Once the tax rate is set:

- **To add tax:** Enter the amount, then press **TAX+**.
- **To subtract tax:** Enter the amount, then press **TAX-**.



A close-up view of the percentage (%), TAX-, and TAX+ buttons, used for tax and percentage calculations.

3.4 Memory Functions

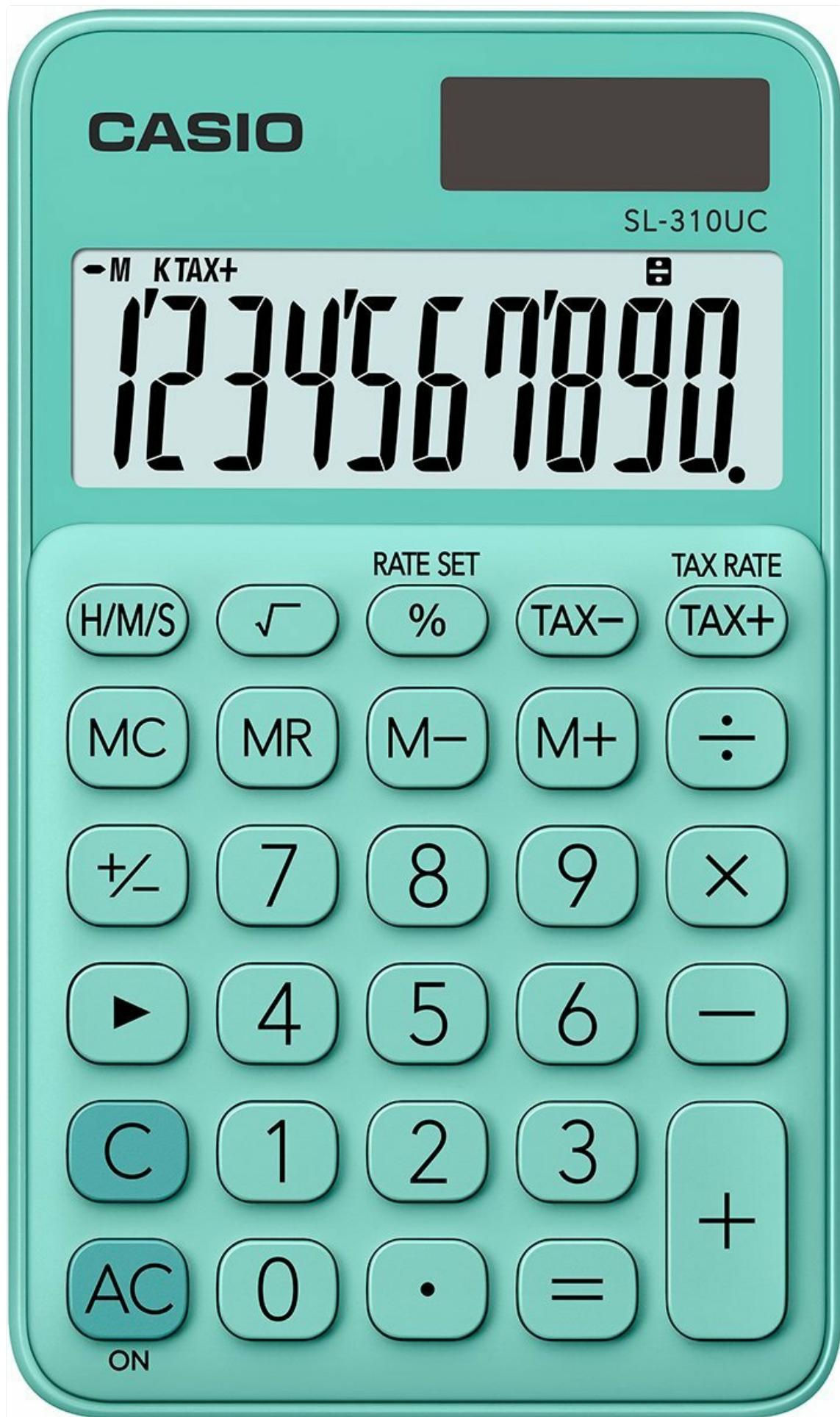
The calculator includes 8 memory keys for storing and recalling values:

- **MC (Memory Clear):** Clears the memory content.
- **MR (Memory Recall):** Recalls the current memory content to the display.
- **M- (Memory Minus):** Subtracts the displayed value from the memory content.
- **M+ (Memory Plus):** Adds the displayed value to the memory content.

3.5 Square Root Calculation

To calculate the square root of a number:

- Enter the number.
- Press the $\sqrt{}$ (square root) key.



A close-up view of the square root (\sqrt) button, used for calculating the square root of a number.

3.6 Time Unit Calculations (H/M/S)

The **H/M/S** key allows for calculations involving hours, minutes, and seconds. Refer to the on-screen indicators for proper input and output format when performing time-related arithmetic.

3.7 Subdivision in Thousands and Quick Fix Key

- **Subdivision in Thousands:** The display automatically formats large numbers with comma separators (e.g., 1,000,000) for improved readability.
- **Quick Fix Key:** The → (backspace) key allows you to delete the last entered digit, useful for correcting input errors without clearing the entire calculation.

4. MAINTENANCE

4.1 Cleaning

To clean the calculator, wipe it gently with a soft, dry cloth. Do not use abrasive cleaners, solvents, or spray directly onto the device, as this may damage the display or keys.

4.2 Storage

Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures. Avoid placing heavy objects on top of the calculator to prevent damage to the display or keys.

5. TROUBLESHOOTING

5.1 Display Issues

- **Blank Display:** Ensure the solar panel is exposed to sufficient light. If in a dark environment, the battery backup may be depleted. Try moving to a brighter area.
- **Faint Display:** This may indicate low battery power. Expose the calculator to bright light to charge the solar cell.

5.2 Incorrect Calculations

- **Unexpected Results:** Double-check your input. Ensure you are using the correct operation keys. Clear the calculator by pressing **AC/ON** and re-enter the calculation.
- **Memory Indicator:** If the 'M' indicator is on, a value is stored in memory. Clear memory by pressing **MC** if it's interfering with your current calculation.

5.3 Calculator Not Responding

If the calculator becomes unresponsive, try pressing the **AC/ON** button. If the issue persists, move the calculator to a well-lit area to ensure adequate power supply.

6. SPECIFICATIONS

Model Number	SL-310UC-GN
Display	10-digit Extra Large LC Display
Power Source	Solar Powered with Battery Backup
Product Dimensions	4.65 x 2.76 x 0.1 inches (11.8 x 7 x 0.25 cm)
Item Weight	1.76 ounces (50 grams)

Screen Size

7.07 Centimeters



Diagram illustrating the dimensions of the Casio SL-310UC-GN calculator: 4.65 inches in length and 2.76 inches in width.

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Casio website. Casio provides reliable support for its products to ensure customer satisfaction. You can find more information and contact details on the [Official Casio Website](#).