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› Sharp EL-2128V 12-Digit Desktop Calculator User Manual

Sharp EL-2128V

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Model: EL-2128V

1. INTRODUCTION

Thank you for choosing the Sharp EL-2128V 12-Digit Desktop Calculator. This manual provides essential information for the proper setup, operation, and maintenance of your calculator. Please read it thoroughly to ensure optimal performance and longevity of your device.

2. SAFETY INFORMATION

- Keep the calculator away from water and excessive moisture.
- Avoid exposing the calculator to direct sunlight or extreme temperatures.
- Do not attempt to disassemble or repair the calculator yourself. Refer to qualified service personnel.
- Dispose of batteries according to local regulations.
- Keep out of reach of small children.

3. PRODUCT OVERVIEW

The Sharp EL-2128V is a versatile 12-digit desktop calculator designed for general-purpose use in office and school environments. It features a clear LCD display, large keys for comfortable input, and dual power capabilities.



Figure 3.1: Front view of the Sharp EL-2128V calculator with its tilting display raised.

Key Features:

- **12-Digit LCD Display:** Provides clear and easy-to-read numbers.
- **Comfortable Desktop Size:** Ergonomically designed for extended use.
- **Elegant White Casing:** A sleek and professional appearance.
- **Square Root Key:** For quick calculation of square roots.
- **Dual Power (Solar Cell and Battery):** Ensures continuous operation even in varying light conditions.

4. SETUP

Power Source:

The EL-2128V calculator operates on dual power: a solar cell and a lithium-ion battery. The solar cell functions efficiently in well-lit environments, while the battery provides power in dim lighting or when solar power is insufficient.

1. **Initial Power-On:** The calculator should power on automatically when exposed to sufficient light or when any key is pressed.
2. **Battery Installation/Check:** The calculator comes with one lithium-ion battery pre-installed. If the display is dim or unresponsive in low light, the battery may need to be checked or replaced. Refer to the Maintenance section for battery replacement instructions.
3. **Tilting Display:** Gently pull the display panel upwards to adjust it to a comfortable viewing angle. Push it back down for compact storage.

5. OPERATING INSTRUCTIONS

This section covers the basic functions and common operations of your Sharp EL-2128V calculator.

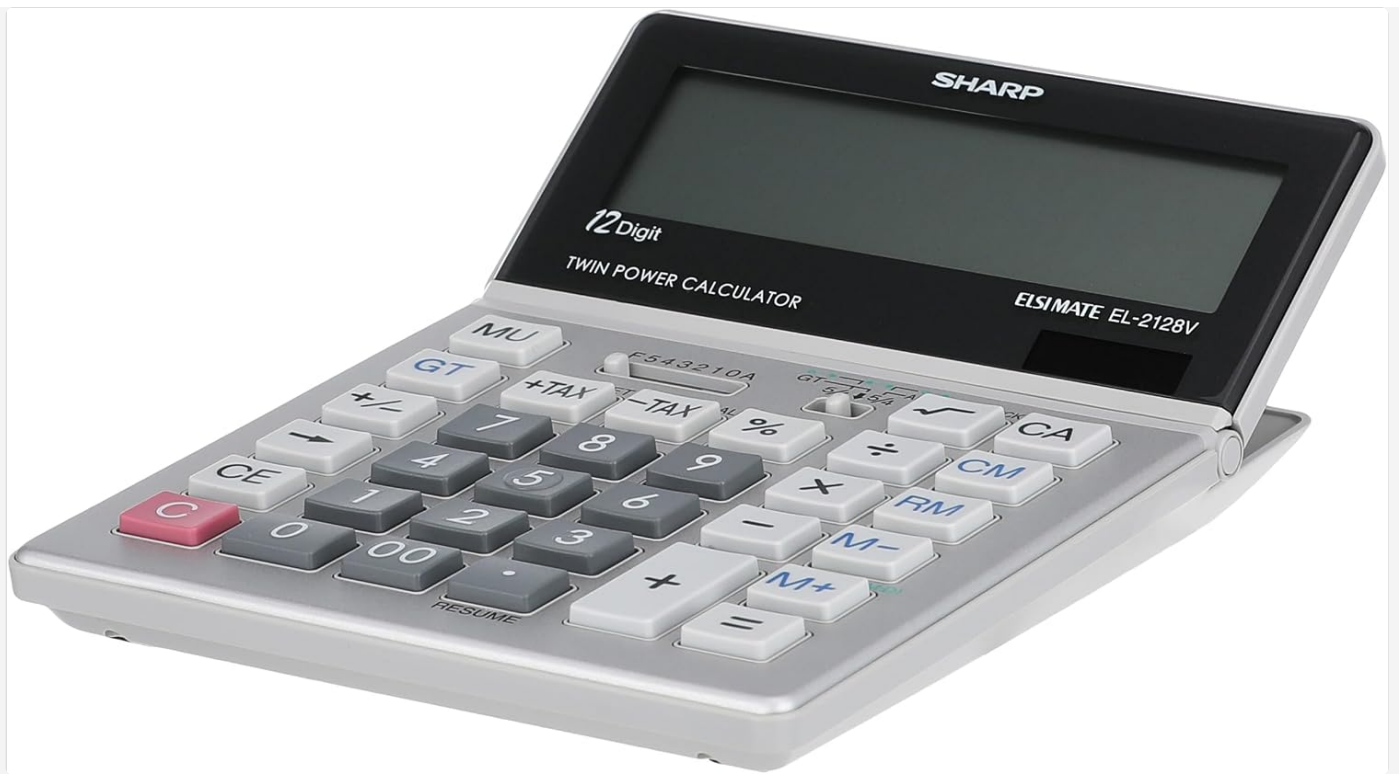


Figure 5.1: Close-up view of the Sharp EL-2128V calculator's keypad, showing key labels.

Basic Arithmetic Operations:

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

Special Functions:

- **Clear Entry (CE):** Clears the last entered number or operation.
- **All Clear (CA):** Clears all entries and resets the calculator.
- **Memory Plus (M+):** Adds the displayed value to the memory.
- **Memory Minus (M-):** Subtracts the displayed value from the memory.
- **Recall Memory (RM):** Displays the value stored in memory.
- **Clear Memory (CM):** Clears the memory.
- **Square Root (√):** Enter a number, then press the **√** key to calculate its square root.
- **Percentage (%):** Used for percentage calculations. For example, to calculate 10% of 200: enter 200, press **×**, enter 10, press **%**.
- **Grand Total (GT):** Accumulates the results of calculations. Press **GT** to display the grand total.
- **Tax Calculation (+TAX / -TAX):** These keys are used for adding or subtracting tax. Consult your local tax rates and calculator settings for proper use.

6. MAINTENANCE

Cleaning:

To clean the calculator, wipe it gently with a soft, dry cloth. Do not use abrasive cleaners, solvents, or spray directly onto the calculator.

Battery Replacement:

The EL-2128V uses one lithium-ion battery. If the display becomes dim or erratic in low light conditions, the battery may need replacement.

1. Ensure the calculator is turned off.
2. Locate the battery compartment on the back of the calculator.
3. Using a small screwdriver, open the battery compartment cover.
4. Remove the old battery and insert a new lithium-ion battery, ensuring correct polarity (+/-).
5. Replace the battery compartment cover and secure it with the screw.

Note: Dispose of used batteries responsibly according to local environmental regulations.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Insufficient light for solar cell, or low battery.	Move to a brighter area or replace the battery.
Calculator does not respond to key presses.	Calculator is off, or internal error.	Press the ON/C or CA key. If problem persists, replace battery.
Incorrect calculation results.	Incorrect input, or memory not cleared.	Press CA to clear all and re-enter calculation. Ensure correct key sequence.

8. SPECIFICATIONS

Feature	Detail
Brand	Sharp
Model Name	EL-2128V
Model Number	EL-2128V
Part Number	4974019025247
Product Type Name	Calculator
Calculator Type	Financial / Business
Display Type	LCD Display
Screen Size	5 inches

Feature	Detail
Power Source	Solar Powered (Dual Power: Solar Cell & Battery)
Number of Batteries	1 Lithium Ion (included)
Material	Plastic (ABS)
Color	White
Number of Items	1
Country of Origin	Japan

9. WARRANTY AND SUPPORT

Warranty Information:

The Sharp EL-2128V calculator comes with a manufacturer's warranty of two years. Please retain your proof of purchase for warranty claims.

Customer Support:

For further assistance, technical support, or warranty inquiries, please contact Sharp customer service. Refer to the official Sharp website or your product packaging for contact details specific to your region.

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