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MAUL M112

MAUL M112 Calculator User Manual

Model: M112 | Brand: MAUL

INTRODUCTION

This manual provides comprehensive instructions for the MAUL M112 calculator. It covers setup, basic operations, advanced functions, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using the calculator.

PRODUCT OVERVIEW

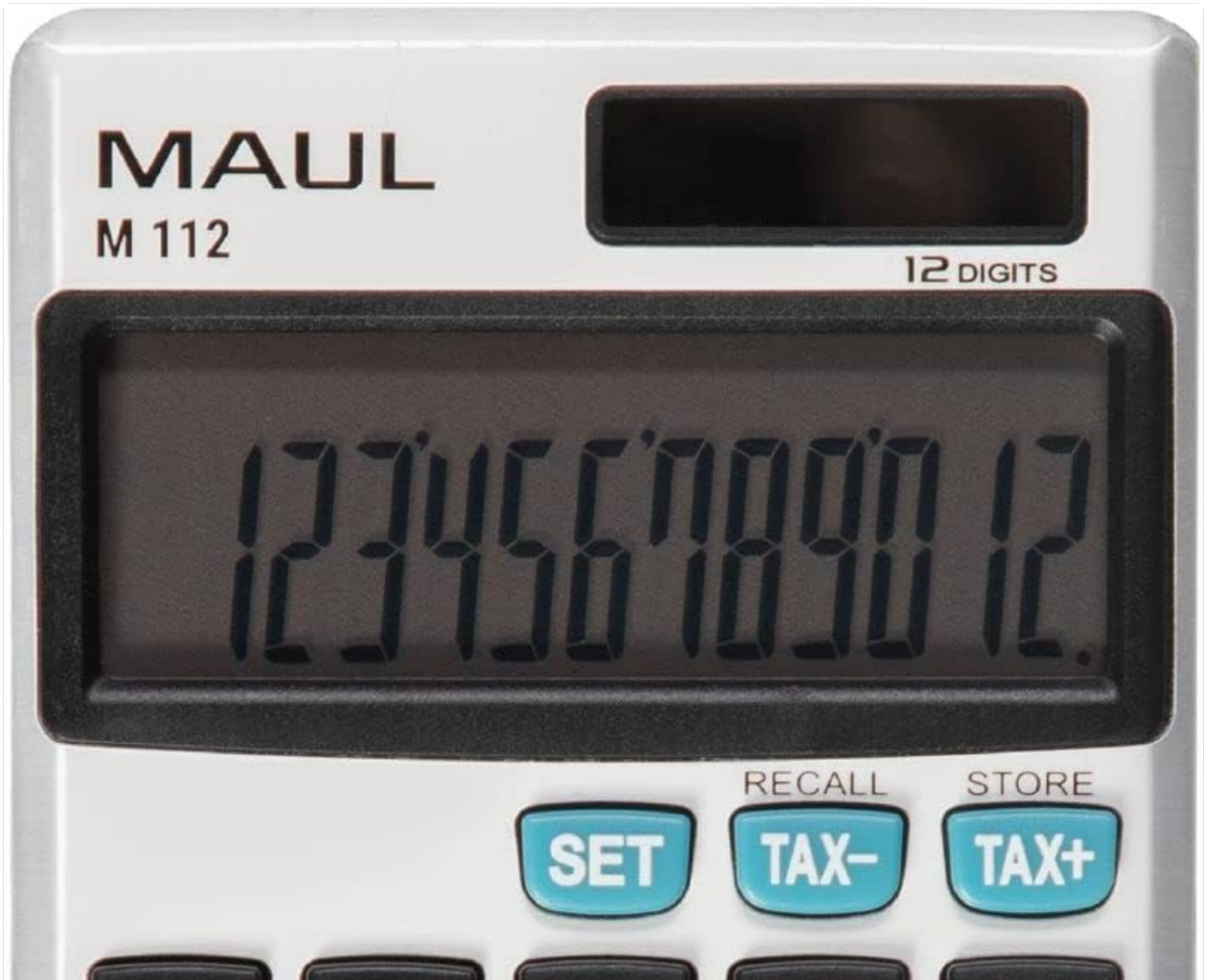




Image 1: Front view of the MAUL M112 calculator, showcasing its 12-digit display and key layout. The calculator features a silver front panel and black keys with colored function buttons.

The MAUL M112 is a compact, 12-digit display calculator designed for office, home, and school use. It features both solar and battery power for reliable operation in various lighting conditions. Key functions include percentage and tax calculations, memory functions, and an automatic shutdown feature to conserve energy.

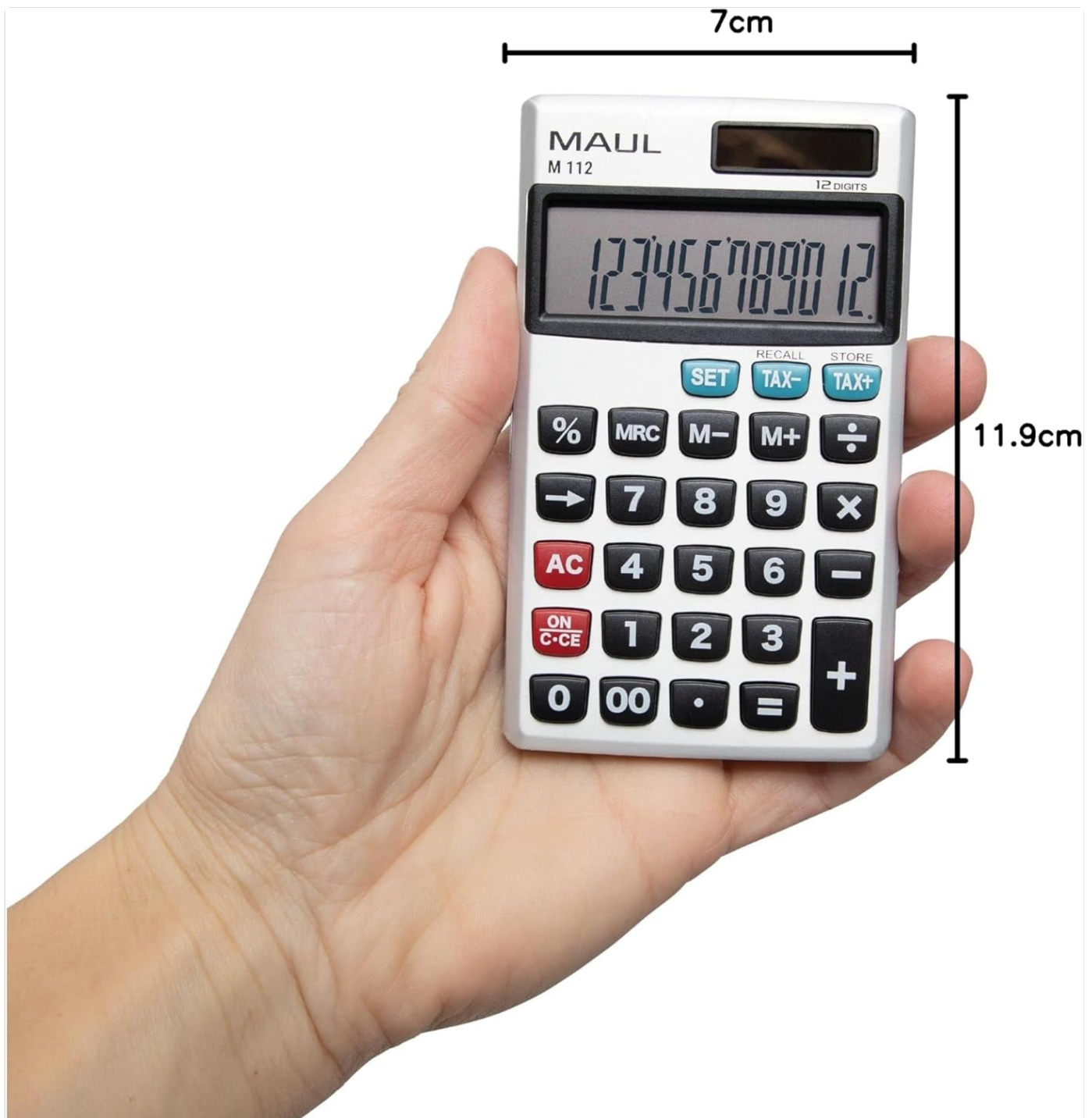


Image 2: The MAUL M112 calculator held in a hand, illustrating its compact size (approximately 11.9 cm x 7.0 cm x 1.0 cm). This image highlights its portability and ergonomic design.

SETUP

Power Source

The MAUL M112 calculator operates on a dual power system: solar and battery. This ensures continuous functionality even in low-light environments.

- **Solar Power:** The calculator primarily uses solar energy when sufficient light is available. Ensure the solar panel, located above the display, is exposed to light for optimal performance.
- **Battery Power:** For use in dark conditions or when solar power is insufficient, the calculator automatically switches to battery power. One LR1130 battery is included with the device.

Initial Use

Upon first use, the calculator should be ready for operation. If the display does not activate, ensure it is exposed to light or check the battery compartment.

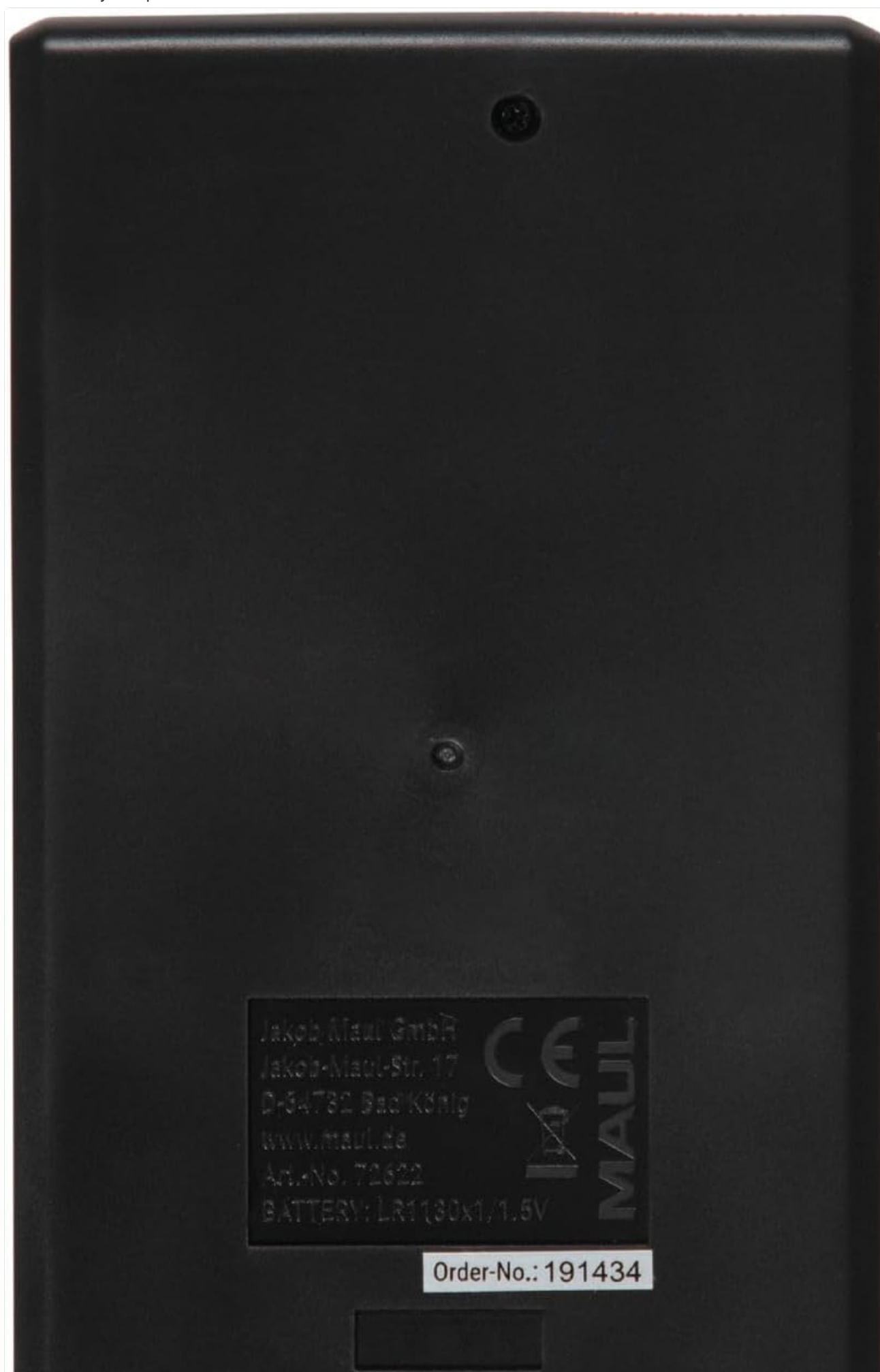




Image 3: Rear view of the MAUL M112 calculator, displaying the battery compartment cover. This is where the LR1130 battery is housed and can be accessed for replacement.

OPERATING INSTRUCTIONS

Basic Operations

- **Power On/Clear:** Press **ON C-CE** to turn on the calculator or clear the current entry.
- **All Clear:** Press **AC** to clear all calculations and memory.
- **Number Entry:** Use the number keys (0-9) and the decimal point (.) to enter values.
- **Arithmetic Operations:** Use + (addition), - (subtraction), **x** (multiplication), and \div (division) for calculations.
- **Equals:** Press = to display the result of a calculation.
- **Double Zero:** The **00** button allows for quick entry of two zeros.
- **Delete Last Digit:** Press the \rightarrow (backspace) button to delete the last entered digit.

Memory Functions

The calculator includes a 3-button memory function:

- **M+:** Adds the displayed value to the memory.
- **M-:** Subtracts the displayed value from the memory.
- **MRC:** Recalls the memory content (first press) or clears the memory (second press).

Special Functions

- **% (Percentage):** Calculates percentages.
 - *Example (Add Percentage):* Enter value, press +, enter percentage, press %.
 - *Example (Discount):* Enter value, press -, enter percentage, press %.
- **TAX+ / TAX- (Tax Calculation):** These buttons are used for calculations involving tax rates.
 - **Setting Tax Rate:** Press **SET**, then enter the tax rate (e.g., 5 for 5%), then press **TAX+**. The tax rate is now stored.
 - **Add Tax:** Enter original price, press **TAX+**.
 - **Subtract Tax:** Enter price including tax, press **TAX-**.

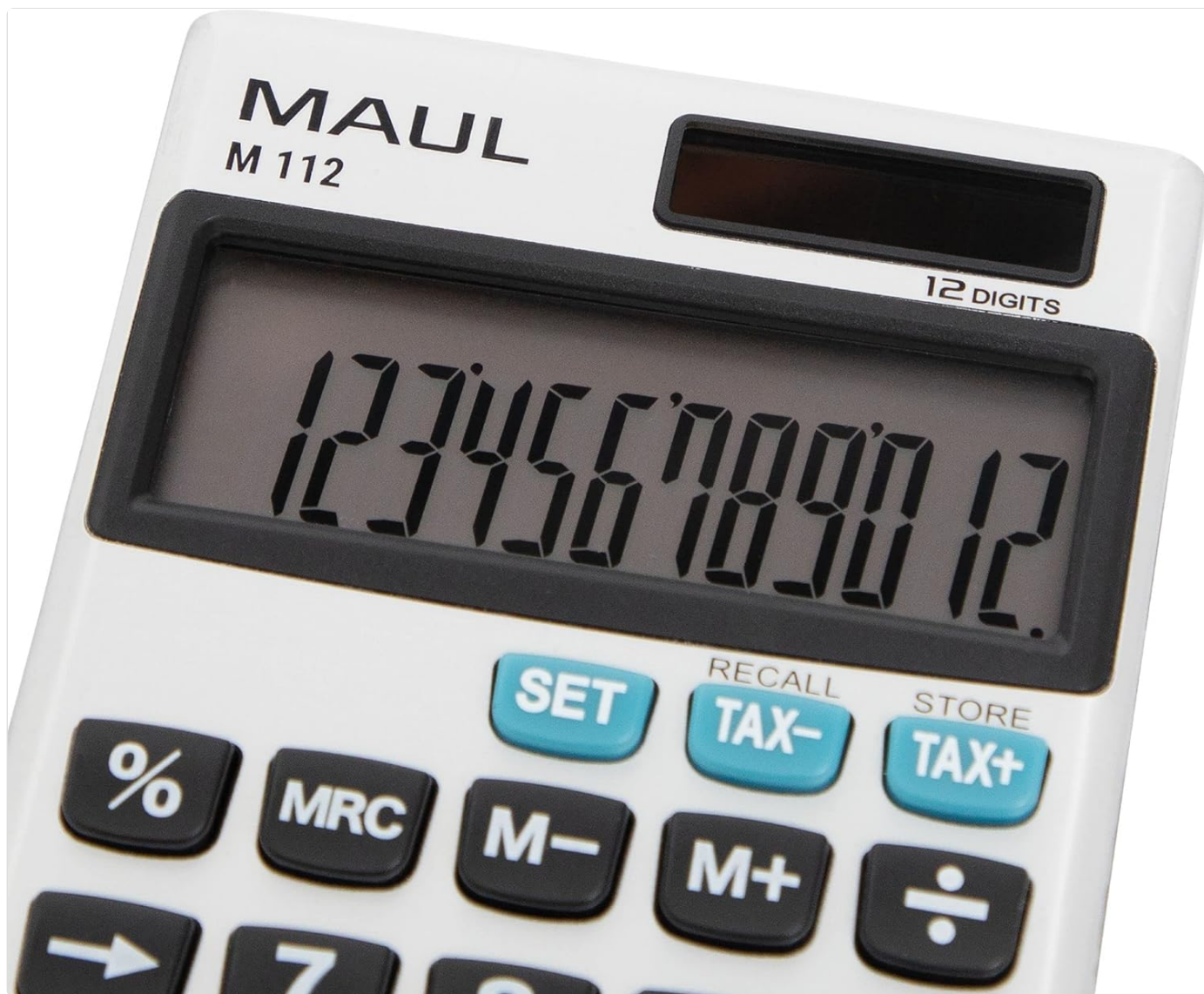


Image 4: A detailed view of the MAUL M112 calculator's 12-digit LCD display and the function keys, including SET, TAX-, TAX+, %, MRC, M-, M+, and the arithmetic operators. This image highlights the clear labeling and distinct coloring of important keys.

MAINTENANCE

Cleaning

To maintain the calculator's appearance and functionality:

- Wipe the calculator with a soft, dry cloth.
- For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive cleaners.
- Ensure no liquid enters the calculator's internal components.

Battery Replacement

When the display becomes dim or unresponsive in low light, the LR1130 battery may need replacement.

1. Turn the calculator over.
2. Locate the battery compartment cover (refer to Image 3).
3. Carefully open the cover using a small screwdriver or coin.
4. Remove the old LR1130 battery.
5. Insert a new LR1130 battery, ensuring correct polarity (+/-).
6. Replace the battery compartment cover securely.

Note: Dispose of used batteries according to local regulations.

TROUBLESHOOTING

- **Display is blank:**
 - Ensure the calculator is exposed to sufficient light for solar power.
 - Check if the battery needs replacement (refer to Battery Replacement section).
 - Press **ON C-CE** to turn on the device.
- **Incorrect calculations:**
 - Press **AC** to clear all previous entries and memory.
 - Double-check your input values and the sequence of operations.
- **Keys are unresponsive:**
 - Ensure the keys are clean and free from debris.
 - If the issue persists, try replacing the battery.

SPECIFICATIONS

Model Name	M112
Display	12-digit LCD, 1-line display
Power Source	Solar powered and battery operated (LR1130)
Dimensions (L x W x H)	11.9 x 7.0 x 1.0 cm
Material	Plastic (front made of aluminium)
Memory Functions	3-button memory (M+, M-, MRC)
Special Functions	Percentage (%), Tax Calculation (TAX+, TAX-), Double Zero (00), Delete Last Digit (→)
Automatic Shutdown	Yes
Manufacturer	Jakob Maul GmbH

WARRANTY



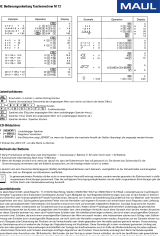


The MAUL M112 calculator comes with a **5-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the official MAUL website or contact customer support.

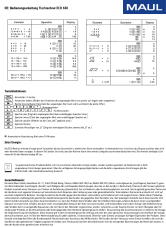
SUPPORT

For further assistance, technical support, or inquiries regarding your MAUL M112 calculator, please visit the official MAUL website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

Manufacturer: Jakob Maul GmbH

Related Documents - M112

	<p>MAUL MXL 14 Calculator Technical Datasheet</p> <p>Detailed technical specifications and features of the MAUL MXL 14 calculator, including its 3-memory system, solar cell, and dual power supply. Article Number 72674.</p>
	<p>MAUL MC 12 Desktop Calculator User Manual</p> <p>Comprehensive user guide for the MAUL MC 12 desktop calculator, covering key operations, LCD display, battery replacement, and warranty information.</p>
	<p>MAUL M 12 Pocket Calculator: Operating Instructions</p> <p>Comprehensive operating instructions for the MAUL M 12 pocket calculator, covering key operations, LCD display, battery replacement, and warranty information.</p>
	<p>MAUL MC 10 Desktop Calculator User Manual</p> <p>Comprehensive user manual for the MAUL MC 10 desktop calculator, covering key operations, display indicators, battery replacement, and warranty information.</p>
	<p>MAUL Pocket Calculator M 12 Operating Instructions</p> <p>Detailed operating instructions and warranty information for the MAUL Pocket Calculator M 12, covering key functions, battery replacement, and product care.</p>



[MAUL ECO 650 Desktop Calculator User Manual](#)

User manual for the MAUL ECO 650 desktop calculator, detailing key functions, solar power operation, and warranty information.