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## Casio MX-12B

# Casio MX-12 Desk Calculator User Manual

Model: MX-12B

## INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Casio MX-12 Desk Calculator. Please read this manual thoroughly before using the calculator to ensure optimal performance and longevity.



Image: The Casio MX-12 Desk Calculator, featuring a clear 12-digit display and a standard key layout for basic and advanced calculations.

## SETUP

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### Power Source

The Casio MX-12 calculator is dual-powered, operating on both solar energy and a battery backup. For optimal performance, use the calculator in a well-lit environment. The solar panel, located above the display, will power the unit and charge the internal battery.

### Battery Installation/Replacement

The calculator requires one AAA battery (included) for backup power. If the display becomes dim or unresponsive in low light conditions, the battery may need replacement.

1. Turn the calculator over.
2. Locate the battery compartment cover.

3. Remove the screw (if present) and slide the cover off.
4. Insert a new AAA battery, ensuring the correct polarity (+/-).
5. Replace the battery compartment cover and secure it.

## OPERATING INSTRUCTIONS

The Casio MX-12 features a large, clear 12-digit display and a user-friendly key layout for various calculations.

### Basic 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 **=**.

### Special Functions

- **Clear/All Clear (C/AC):** Press **C/AC** once to clear the last entry. Press it twice to clear all entries and reset the calculator.
- **Percentage (%):** To calculate a percentage, enter the number, press **×**, enter the percentage value, then press **%**. For example, to find 15% of 200: **200 × 15 %**.
- **Change Sign (+/-):** Press **+/-** to change the sign of the displayed number from positive to negative or vice versa.
- **Mark-up (MU):** The **MU** key is used for profit margin calculations. For example, to calculate the selling price with a 25% profit margin on a cost of 80: **80 ÷ 25 MU**.
- **Double Zero (00):** Use the **00** key for quick entry of two zeros.

### Memory Functions

The calculator includes a 4-key memory function:

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

## MAINTENANCE

### Cleaning

To clean the calculator, wipe it gently with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the display or internal components.

### Storage

Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures. Prolonged exposure to direct sunlight can affect the solar panel's efficiency and the display's longevity.

## TROUBLESHOOTING

- **Display is blank or dim:**
  - Ensure the calculator is in a well-lit area for the solar panel to function.
  - Check the AAA battery. Replace it if necessary (refer to "Battery Installation/Replacement" in the Setup section).
- **Incorrect calculation results:**

- Press **C/AC** twice to clear all previous entries and memory.
- Re-enter the calculation carefully.
- Ensure you are using the correct function keys for your desired operation.

- **Keys are unresponsive:**

- Clean the calculator surface and keys to remove any debris.
- Ensure the calculator is adequately powered (solar or battery).

## SPECIFICATIONS

Model Number	MX-12B-WE-W-EC
Display	12 Digits, Large LCD
Power Source	Dual Powered (Solar with Battery Backup)
Battery Type	1 x AAA (included)
Dimensions (L x W x H)	5.79 x 4.21 x 1.14 inches (14.7 x 10.7 x 2.9 cm)
Weight	4.9 ounces (139 grams)
Functions	Basic Arithmetic, Percentage, Mark-up (MU), Change Sign, 4-Key Memory

## WARRANTY AND SUPPORT

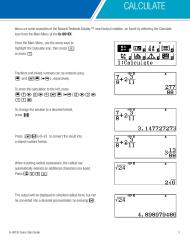
Casio products are manufactured to high-quality standards. For information regarding warranty coverage, service, or technical support, please refer to the warranty card included with your product or visit the official Casio website. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [Casio Store on Amazon](#) or contact Casio customer service directly.



## Related Documents - MX-12B

 <p><b>CASIO</b> JW-200DQ MS-200DQ User's Guide</p> <p>Published: 11/2020</p>	<p><a href="#"><u>Casio JW-200DQ MS-200DQ User's Guide</u></a></p> <p>User's guide for Casio JW-200DQ and MS-200DQ calculators, covering safety precautions, basic calculations, tax calculations, time calculations, specifications, and battery replacement.</p>
	<p><a href="#"><u>Casio HR-300RC Printing Calculator User Guide: Features, Operations, and Calculations</u></a></p> <p>Comprehensive user guide for the Casio HR-300RC printing calculator. Learn about its features, AC operation, battery replacement, basic and advanced calculations, tax functions, cost/sell/margin calculations, date/time functions, error handling, and printing capabilities.</p>

	<p><b>Casio fx-991EX Calculator: Mastering Basic Calculations</b></p> <p>A comprehensive guide to using the Casio fx-991EX calculator for basic calculations, including fractions, radicals, unit conversions, and engineering notation.</p>
	<p><b>CASIO DJ-120D, JJ-120D, MJ-100D/120D Calculators User Guide</b></p> <p>Comprehensive user guide for CASIO DJ-120D, JJ-120D, MJ-100D/120D calculators, detailing basic calculations, GST tax functions, operational features, and important precautions.</p>
	<p><b>Casio fx-991CW ClassWiz Interactive Manual: A Comprehensive Guide</b></p> <p>Explore the features and functionalities of the Casio fx-991CW Scientific Calculator with this interactive manual. Learn how to perform calculations, use special functions, and navigate the device effectively.</p>
	<p><b>CASIO S-20L / S-2 Calculator: Operating Instructions and Specifications</b></p> <p>Comprehensive user manual for the CASIO S-20L and S-2 calculators, covering operation, power sources, error handling, technical specifications, and calculation examples. Learn how to use your CASIO calculator effectively.</p>