

## Casio GX-12B

# Casio GX-12B Calculator User Manual

Model: GX-12B

## 1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of your Casio GX-12B Value Series Desk Top/Compact Desk Type Calculator. Please read this manual thoroughly before using the calculator to ensure optimal performance and longevity.

### Key Features:

- Extra Large 12-Digit Display
- Two-Way Power (Solar and Battery)
- 2 Independent Memories
- Item Counter Function
- Mark-up Percentage Function
- Durable Plastic Keys
- Compact Desk Type Design

## 2. SETUP AND POWER SUPPLY

### Power Source:

The Casio GX-12B calculator operates on a two-way power system, utilizing both solar power and a single LR44 button-cell battery. For optimal performance, ensure the solar panel is exposed to sufficient light. In low-light conditions, the battery automatically takes over.

### Battery Installation/Replacement:

1. Ensure the calculator is turned off.
2. Locate the battery compartment cover on the back of the calculator.
3. Using a small screwdriver, carefully remove the screw and open the battery compartment cover.
4. Remove the old LR44 battery (if replacing) and insert a new LR44 battery with the positive (+) side facing up.
5. Replace the battery compartment cover and secure it with the screw.

6. Press the **AC** (All Clear) button to reset the calculator.



This image displays the Casio GX-12B calculator, highlighting its approximate length of 8.8 inches (22 cm) for scale. The calculator features a large display and clearly labeled keys.

### 3. BASIC OPERATIONS

Familiarize yourself with the key functions to perform calculations efficiently.

#### Key Functions Overview:

- **AC**: All Clear. Clears all values and operations, resetting the calculator.
- **C**: Clear Entry. Clears the last entered number.
- **+ / - / × / ÷**: Basic arithmetic operations.
- **=**: Executes the pending calculation.
- **%**: Percentage key. Used for percentage calculations (e.g.,  $100 + 10\% = 110$ ).
- **MU**: Mark-up key. Used for profit margin calculations.
- **M+**: Adds the displayed value to the memory.
- **M-**: Subtracts the displayed value from the memory.
- **MRC**: Memory Recall/Clear. Press once to recall the memory value. Press twice to clear the memory.

- **IT:** Item Counter. Counts the number of entries in a series of calculations.

## Example Calculations:

1. **Addition:** To calculate  $123 + 456$ :

Press **AC**

Enter **123**

Press **+**

Enter **456**

Press **=** (Result: 579)

2. **Percentage:** To add 10% to 200:

Press **AC**

Enter **200**

Press **+**

Enter **10**

Press **%** (Result: 220)

3. **Memory Function:** To calculate  $(5 \times 3) + (8 \times 2)$ :

Press **AC**

Enter **5 × 3 M+** (15 is added to memory)

Enter **8 × 2 M+** (16 is added to memory)

Press **MRC** (Result: 31)

Press **MRC** again to clear memory.

## 4. CARE AND MAINTENANCE

- **Cleaning:** Wipe the calculator with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water and a mild detergent, then wipe dry immediately. Avoid using strong solvents or abrasive cleaners.
- **Storage:** Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Impact:** Do not drop or subject the calculator to strong impacts, as this can damage internal components or the display.
- **Battery Life:** If the display becomes dim or unresponsive, replace the LR44 battery.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Insufficient light for solar panel, or low battery.	Move the calculator to a brighter area. Replace the LR44 battery if the issue persists.
Incorrect calculation results.	Incorrect key input, or memory not cleared.	Press <b>AC</b> to clear all operations and memory, then re-enter the calculation. Ensure correct order of operations.
Keys are unresponsive.	Low battery, or internal malfunction.	Replace the LR44 battery. If the problem continues, contact customer support.

## 6. SPECIFICATIONS

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- **Model:** GX-12B
- **Display:** 12-Digit Extra Large LCD
- **Power Source:** Two-Way Power (Solar and 1 x LR44 Battery)
- **Dimensions (L x W):** Approximately 20.8 cm x 15.9 cm (8.2 inches x 6.3 inches)
- **Weight:** Approximately 0.32 kg (0.7 lbs)
- **Material:** Plastic
- **Functions:** Basic arithmetic, Percentage, Mark-up, Memory (M+, M-, MRC), Item Counter

## 7. WARRANTY INFORMATION

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This Casio product is covered by a Limited Warranty. For specific terms, conditions, and duration of the warranty, please refer to the warranty card included with your purchase or visit the official Casio website. Keep your proof of purchase for warranty claims.

## 8. CUSTOMER SUPPORT

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If you encounter any issues not covered in this manual or require further assistance, please contact Casio customer support. Contact details can typically be found on the official Casio website or on the product packaging.