

CATIGA CD-2786-12

CATIGA CD-2786-12 Desktop Calculator User Manual

Model: CD-2786-12 | Brand: CATIGA

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your CATIGA CD-2786-12 Desktop Calculator. Designed for clarity and ease of use, this 12-digit calculator features a large LCD display, responsive buttons, and dual power sources (solar and battery) for reliable performance in various environments, including business, office, home, and school settings.

2. PRODUCT FEATURES

- **Large 12-Digit LCD Display:** Provides clear and easy-to-read numbers, enhancing readability from a distance.
- **Sensitive and Large Buttons:** Ensures faster and smoother calculation processes with responsive key registration and reduced error potential.
- **Dual Power Design:** Operates using both solar power (in well-lit environments) and a pre-installed LR44 battery, ensuring continuous functionality.
- **Ergonomic Angle Design:** Features a 30-degree angled screen for improved viewing comfort and user experience.
- **Anti-Slip Rubber Pads:** Equipped with four anti-slip pads on the base to prevent movement during use.
- **Automatic Power-Off:** The calculator will automatically turn off after approximately 6 minutes of inactivity to conserve power.



Figure 1: Front view of the CATIGA CD-2786-12 Desktop Calculator, showing the large LCD display and keypad.

3. SETUP

1. **Unpacking:** Carefully remove the calculator from its packaging.
2. **Initial Power-On:** Press the **ON/AC** button to turn on the calculator. The display should show "0".
3. **Power Source:** The calculator is equipped with both solar and battery power. Ensure the solar panel is exposed to light for optimal performance. The pre-installed LR44 battery provides backup power in low-light conditions.
4. **Placement:** Place the calculator on a flat, stable surface. The ergonomic angle design and anti-slip pads ensure stability during use.



Figure 2: Illustration of the calculator's dual power sources: solar panel and pre-installed battery.

4. OPERATING INSTRUCTIONS

4.1 Basic Operations

Key	Function
ON/AC	Power On / All Clear (clears all entries and memory)
0-9	Number Keys
.	Decimal Point Key
+	Addition
-	Subtraction
x	Multiplication
÷	Division

Key	Function
=	Equals (displays result)
C/CE	Clear Entry / Clear Error (clears the last entry or error)
▶	Right Shift Key (deletes the rightmost digit)

4.2 Memory Functions

Key	Function
M+	Memory Plus (adds the displayed value to memory)
M-	Memory Minus (subtracts the displayed value from memory)
MRC	Memory Recall / Clear (first press recalls memory, second press clears memory)
GT	Grand Total (displays the sum of all results calculated since the last GT clear)

4.3 Percentage and Square Root

- **% (Percentage):** Used for percentage calculations. For example, to calculate 10% of 200, enter "200 x 10 %".
- **√ (Square Root):** Calculates the square root of the displayed number. For example, to find the square root of 25, enter "25 √".

5. MAINTENANCE

5.1 Battery Replacement

The calculator uses one LR44 (1.5V) battery. If the display becomes dim or blurry, it indicates low battery power. You can continue to use solar energy or replace the battery.

1. Loosen the screw on the back cover of the calculator.
2. Carefully remove the back cover.
3. Use a small screwdriver or similar tool to gently push out the old battery. Note the polarity (+/-) of the old battery.
4. Insert the new LR44 battery with the correct polarity.
5. Replace the back cover and tighten the screw. Do not overtighten.

After replacing the battery, allow approximately 5-10 minutes for the calculator to fully reset and function optimally.

5.2 Cleaning

Wipe the calculator with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these may damage the display or casing.

6. TROUBLESHOOTING

- **Display is blank:**
 - Ensure the calculator is in a well-lit area for solar power.

- Press the **ON/AC** button.
- Check if the battery needs replacement (refer to Section 5.1).
- **Incorrect calculations:**
 - Press **ON/AC** to clear all previous entries and memory, then re-enter your calculation.
 - Ensure correct key presses; the large buttons are designed to minimize errors.
- **Buttons are unresponsive:**
 - Clean around the buttons with a soft, dry cloth to remove any debris.
 - If the issue persists, the internal mechanism may require professional inspection.

7. SPECIFICATIONS

Feature	Detail
Model Number	CD-2786-12
Display Digits	12 Digits
Screen Size	4.5 Inches
Power Source	Dual Power (Solar & 1x LR44 Battery)
Product Dimensions	6 x 4.72 x 0.1 inches
Item Weight	5.6 ounces
Calculator Type	Business, Financial, Standard Function
Auto Power-Off	After approx. 6 minutes of inactivity



Figure 3: Dimensions and ergonomic angle design of the calculator for comfortable use.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official CATIGA website. Keep your purchase receipt as proof of purchase.