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› Dexin-837b Desktop Calculator User Manual

DEXIN 837b

Dexin-837b Desktop Calculator User Manual

Model: 837b

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Dexin-837b Large Display 12 Digits Solar and Battery Desktop Calculator. Please read this manual thoroughly before using the calculator to ensure proper function and longevity.

The Dexin-837b calculator features a hybrid power system, operating on both solar energy and battery power, ensuring reliable performance in various lighting conditions. It is designed for standard mathematical functions with a large 12-digit LCD display for easy readability.

PRODUCT OVERVIEW



Figure 1: Front view of the Dexin-837b calculator, highlighting its large 12-digit display and overall pink design.



Figure 2: The calculator positioned on a desk, demonstrating its suitability for office or home use.

● Tilt Angle

● Easy Reading



Figure 3: The calculator's design features a tilt angle for improved display visibility and comfortable reading.



Figure 4: Physical dimensions of the calculator, measuring approximately 15 cm in height and 12 cm in width.

SETUP

Power Source

The Dexin-837b calculator operates on a hybrid power system, utilizing both solar energy and a single AA battery. For optimal performance, ensure adequate lighting for solar power or install a fresh battery.

Dual Power



Figure 5: Dual power system, showing the solar energy panel and the compartment for one AA battery (not included).

1. **Battery Installation:** If using battery power, locate the battery compartment on the back of the calculator. Open the cover and insert one AA battery, ensuring correct polarity (+/-). Close the compartment cover securely.
2. **Solar Power:** For solar operation, place the calculator in a well-lit area. The solar panel is located above the display. The calculator will automatically switch to solar power when sufficient light is available.

OPERATING INSTRUCTIONS

Basic Operations

- **Power ON/OFF:** Press the **ON/AC** button to turn the calculator on or clear all entries.
- **Clear Entry:** Press the **CE** button to clear the last entered number.
- **Clear All:** Press the **ON/AC** button to clear all calculations and reset the calculator.
- **Number Entry:** Use the number keys **0-9** and the decimal point (**.**) to enter values.

- **Basic Arithmetic:** Use the + (addition), - (subtraction), x (multiplication), and ÷ (division) keys for calculations.
- **Equals:** Press the = key to display the result of a calculation.
- **Percentage:** Use the % key for percentage calculations.
- **Memory Functions:**
 - **M+:** Adds the displayed value to memory.
 - **M-:** Subtracts the displayed value from memory.
 - **MRC:** Recalls the memory value. Pressing twice clears the memory.
- **Grand Total (GT):** Press the GT key to recall the grand total of all previous calculations.
- **Mark Up (MU):** Use the MU key for mark-up calculations.



Figure 6: The calculator's keys are designed for fast and responsive input.

- **Cleaning:** Use a soft, dry cloth to clean the calculator's surface. Do not use liquid cleaners or abrasive materials, as they may damage the display or casing.
- **Storage:** Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If the display becomes dim or unresponsive when not in direct sunlight, replace the AA battery.
- **Avoid Dropping:** Protect the calculator from impacts and drops, which can damage internal components or the display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Insufficient light for solar power, or low battery.	Move the calculator to a brighter area or replace the AA battery.
Calculator does not respond to key presses.	Calculator is off, or internal error.	Press ON/AC to turn on or reset. If problem persists, replace battery.
Incorrect calculation results.	Incorrect input or operation sequence.	Press ON/AC to clear and re-enter the calculation carefully. Review operating instructions.

SPECIFICATIONS

- **Model:** 837b
- **Brand:** DEXIN
- **Display:** 12 Digits, LCD
- **Power Source:** Hybrid (Solar Powered and 1x AA Battery)
- **Color:** Pale Rose
- **Material:** Plastic
- **Dimensions (L x W x H):** Approximately 15 cm x 12 cm x 0.1 cm
- **Weight:** 130 grams
- **Visible Screen Diameter:** 10 cm (4 inches)
- **Calculator Type:** Standard Function

WARRANTY AND SUPPORT

Specific warranty information is typically provided at the point of purchase or within separate documentation included with your product. Please refer to your purchase receipt or contact your retailer for details regarding warranty coverage. For technical support or inquiries not covered in this manual, please contact the manufacturer, Dexin, or your authorized dealer. Keep your purchase receipt handy as proof of purchase may be required for support services.

Manufacturer: Dexin

Manufacturer Reference: Dx-837B