deli D82Es Plus

Deli D82Es Plus Scientific Calculator User Manual

Model: D82Es Plus

1. Introduction

Thank you for choosing the Deli D82Es Plus Scientific Calculator. This manual provides essential information for the proper use, setup, and maintenance of your calculator. Designed for students and professionals, the D82Es Plus offers 252 functions to support a wide range of mathematical and scientific calculations.





Figure 1: Front view of the Deli D82Es Plus Scientific Calculator. This image displays the calculator's full keypad, solar panel, and LCD screen.

2. Setup

2.1 Power Source

The Deli D82Es Plus calculator is powered by a battery. Ensure the battery is correctly installed before first use. The calculator also features a solar panel for supplementary power in well-lit environments.

2.2 Initial Power On

1. Press the **ON** button located at the top right of the keypad to turn on the calculator.
2. The display should show '0' or the last calculated result.
3. If the display is blank, check the battery installation or ensure sufficient light for the solar panel.

2.3 Display Contrast Adjustment

To adjust the display contrast for better visibility:

- Press **SHIFT** then **MODE SETUP**.
- Navigate to 'Contrast' using the arrow keys.

- Use the left and right arrow keys to adjust the contrast level.
- Press **AC** to exit the settings.

3. Operating Instructions

This section covers the basic operation and key functions of your Deli D82Es Plus calculator.



Figure 2: Angled view of the Deli D82Es Plus Scientific Calculator, highlighting the protective cover and key layout.

3.1 Basic Arithmetic Operations

Enter numbers using the numeric keypad. Use the **+**, **-**, **×**, and **÷** keys for addition, subtraction, multiplication, and division, respectively. Press **=** to display the result.

3.2 Scientific Functions

The D82Es Plus offers 252 functions, including trigonometric, logarithmic, exponential, and statistical calculations. Many functions are accessed by pressing the **SHIFT** key (blue) or **ALPHA** key (red) before the desired function key.

- **Trigonometric Functions: sin**, **cos**, **tan** and their inverse functions (**SHIFT** + **sin**$^{-1}$, etc.).
- **Logarithmic Functions: log** (base 10) and **ln** (natural logarithm).
- **Power and Root Functions: x^2**, **x^3**, $\sqrt{}$, $\sqrt[3]{}$, **x^y**.
- **Memory Functions:** Use **STO** (Store) and **RCL** (Recall) to store and retrieve values from memory variables (A, B, C, D, E, F, X, Y, M).

3.3 Mode Selection

Press the **MODE SETUP** key to access different calculation modes:

- **COMP (Compute):** For general arithmetic and function calculations.
- **STAT (Statistics):** For statistical calculations.
- **TABLE:** For generating number tables from functions.

Select the desired mode by pressing the corresponding number.

3.4 Angle Unit Settings

To change the angle unit (Degrees, Radians, Gradians):

- Press **SHIFT** then **MODE SETUP**.
- Select 'Angle Unit' (usually option 3 or 4).
- Choose **Deg** (1), **Rad** (2), or **Gra** (3).

4. Maintenance

4.1 Cleaning

To clean the calculator, gently wipe the surface with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals, abrasive cleaners, or excessive moisture, as this can damage the calculator's components or finish.

4.2 Battery Replacement

When the display becomes dim or calculations are erratic, it may be time to replace the battery. Refer to the battery compartment on the back of the calculator for specific battery type and replacement instructions. Ensure the calculator is turned off before replacing the battery.

4.3 Storage

Store the calculator in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. Use the provided protective cover to prevent scratches and damage to the keys and display.

5. Troubleshooting

- **Calculator does not turn on:**

  Check battery installation. Ensure sufficient light for the solar panel. If the issue persists, replace the battery.

- **Display is blank or dim:**

  Adjust display contrast (refer to Section 2.3). Ensure adequate lighting for the solar panel. Replace the battery if necessary.

- **Error message (e.g., 'Math ERROR', 'Syntax ERROR'):**

  Review your input for mathematical correctness or syntax errors. Press**AC** to clear the error and try again.

- **Incorrect results:**

  Check the current mode (COMP, STAT, etc.) and angle unit (Deg, Rad, Gra). Reset the calculator to default settings if needed (refer to the full manual for reset procedure).

6. Specifications

Feature	Detail
Brand	Deli
Model Name	D82Es Plus
Item Model Number	D82Es
Type	Scientific Calculator
Number of Functions	252
Color	Black

Feature	Detail
Power Source	Battery Powered (with Solar)
Display Type	LCD
Material	Mixed Materials
Package Dimensions	31.8 x 26.1 x 3.1 cm
Item Weight	176 g

7. Warranty and Support

For detailed warranty information and customer support, please refer to the official Deli product documentation that came with your calculator or visit the official Deli website. Keep your purchase receipt as proof of purchase for warranty claims. For further assistance, you may contact Deli customer service through their official channels.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question