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Dixin KK-82MS-B

Dixin Scientific Calculator KK-82MS-B User Manual

Model: KK-82MS-B

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Dixin Scientific Calculator, model KK-82MS-B. Designed for students and professionals, this calculator offers a wide range of functions for various mathematical and scientific calculations. Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your device.

KEY FEATURES

- 240 Functions:** This professional scientific calculator supports a wide array of calculations, including statistical data editor calculations, basic arithmetic, trigonometric functions, roots (square and n-th), percentages, complex numbers, permutations, linear regression, standard deviations, and variable solving.
- Large LCD Display:** The clear, 12-digit LCD screen allows for simultaneous viewing of calculation formulas and results, providing high detail for equations and corrections.
- Educational Suitability:** Ideal for middle school students, this scientific calculator simplifies 1-variable and 2-variable statistical calculations and supports three angle modes (degrees, radians, and gradients), making it suitable for elementary and advanced courses in algebra, geometry, trigonometry, differential, and integral calculus.
- Sensitive Keys & Durable Sliding Cover:** Features responsive buttons for quick and accurate input. The ergonomically designed sliding cover protects the calculator from damage and offers a comfortable grip.
- Battery Powered:** Operates on an LR44 battery, ensuring reliable performance even in dim lighting and providing extended service life.

SETUP

Battery Installation

The Dexin Scientific Calculator KK-82MS-B is powered by an LR44 battery. To install or replace the battery:

1. Locate the battery compartment cover on the back of the calculator.
2. Carefully slide or unscrew the cover to open the compartment.
3. Insert the LR44 battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover securely.

Note: Ensure the calculator is turned off before replacing the battery. Dispose of used batteries responsibly.

OPERATING INSTRUCTIONS

Basic Operations

To turn the calculator **ON**, press the **ON** button. To turn it **OFF**, press **SHIFT** then **AC** (OFF). Enter numbers using the numeric keypad. Use the **+**, **-**, **×**, **÷** buttons for standard arithmetic operations. Press **=** to display the result.

Scientific Functions

The calculator provides 240 functions. Many functions are accessed by pressing the **SHIFT** key followed by the desired function key (indicated in yellow above the keys) or the **ALPHA** key (indicated in red above the keys).

- **Trigonometric Functions:** Use **sin**, **cos**, **tan** for sine, cosine, and tangent. Press **SHIFT** then **sin⁻¹**, **cos⁻¹**, **tan⁻¹** for inverse trigonometric functions.
- **Roots and Powers:** Use **√** for square root, **x²** for squaring. For n-th roots or powers, use **SHIFT** with the appropriate function.
- **Fractions:** Use the **ab/c** button for fraction input and conversion.
- **Logarithms:** Use **log** for common logarithm (base 10) and **ln** for natural logarithm (base e).
- **Angle Modes:** To change between Degrees (D), Radians (R), and Gradients (G), press **MODE** multiple times until the desired mode appears on the display.
- **Statistical Calculations:** Access statistical modes via the **MODE** button. Refer to the on-screen indicators for 1-variable and 2-variable statistics.

For detailed instructions on specific functions, please refer to the function labels on the calculator keys and the corresponding secondary functions indicated above them.

MAINTENANCE

Cleaning

To clean your calculator, gently wipe the surface with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the display and casing.

Storage and Protection

Always use the durable sliding cover when the calculator is not in use to protect the keys and display from dust, scratches, and impacts. Store the calculator in a cool, dry place, away from direct sunlight, extreme

temperatures, and high humidity. Avoid dropping the calculator or subjecting it to strong vibrations.

TROUBLESHOOTING

If you encounter issues with your Dexin Scientific Calculator, please refer to the following common problems and solutions:

- **Calculator does not turn on:** Check if the LR44 battery is correctly installed and has sufficient charge. Replace the battery if necessary.
- **Display is dim or blank:** This may indicate a low battery. Replace the LR44 battery.
- **Incorrect results:** Ensure you are in the correct angle mode (Degrees, Radians, or Gradients) for trigonometric calculations. Verify your input and the sequence of operations. Clear the calculator's memory by pressing **SHIFT** then **CLR** (Clear) and select the appropriate clear option.
- **Keys are unresponsive:** Ensure no debris is lodged under the keys. Gently press the keys to ensure proper contact. If the issue persists, the calculator may require professional servicing.

If the problem persists after trying these solutions, please contact customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Manufacturer	Dexin
Brand	Dexin
Model Number	KK-82MS-B
Product Dimensions	23.7 x 15.5 x 2.9 cm
Item Weight	100 grams
Color	White
Material Type	Plastic
Number of Items	1
Power Source	Battery Powered (LR44)
Display Type	LCD
First Available Date	November 19, 2023

PRODUCT IMAGES

Image Description: This image shows the front view of the Dexin Scientific Calculator KK-82MS-B. The calculator is white with a clear LCD display at the top and a full keypad below. The brand "DEXIN BST" and model "KK-82MS-B" are visible at the top, along with "SCIENTIFIC CALCULATOR". The keys are clearly labeled with numbers, basic arithmetic symbols, and various scientific functions like sin, cos, tan, log, ln, and fraction buttons. A prominent circular replay button is located below the display.

Image Description: This image presents an angled view of the Dexin Scientific Calculator KK-82MS-B, showcasing its ergonomic design. The white casing and key layout are visible from a slightly elevated perspective, highlighting the depth of the buttons and the overall form factor. The sliding cover is not attached, allowing a full view of the calculator's body and keys. The display appears dark, indicating it is off or not in use.

Image Description: This image shows the back of the Dexin Scientific Calculator KK-82MS-B, with its protective white sliding cover partially attached. The cover is designed to slide over the front of the calculator to protect the screen and keys. The brand "DEXIN BST" and model "KK-82MS-B" are printed on the top edge of the calculator's back, visible above the cover. The smooth, clean surface of the back casing is also visible.

OFFICIAL PRODUCT VIDEOS

There are no official product videos available from the seller for this product at this time.

WARRANTY AND SUPPORT

Specific warranty information for the Dexin Scientific Calculator KK-82MS-B is not provided in the product details. For warranty claims or technical support, please contact your retailer or the manufacturer, Dexin, directly. Keep your purchase receipt as proof of purchase.

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Related Documents - KK-82MS-B

 Scientific Calculator E-Writer User's Guide  Casio HR-8TM Printing Calculator User's Guide	<p><u>NEWYES Scientific Calculator E-Writer User's Guide</u></p> <p>Explore the features and functionalities of the NEWYES Scientific Calculator E-Writer (Model AB0614 GY-82MS) with this comprehensive user's guide. Learn about basic and advanced calculations, safety guidelines, and operational tips for efficient use.</p>
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