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NEWYES AB0607-1

NEWYES AB0607-1 Scientific Calculator with Notepad User Manual

Model: AB0607-1

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your NEWYES AB0607-1 Scientific Calculator with Notepad. This device is designed for students and professionals, offering 417 computing functions and an integrated writing tablet for enhanced productivity. Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your calculator.

2. PRODUCT OVERVIEW

The NEWYES AB0607-1 is a versatile scientific calculator featuring a foldable design, a 4-line display, and a built-in 6.5-inch LCD writing tablet. It is powered by both a rechargeable battery and solar energy, ensuring continuous operation. The calculator includes a stylus for the notepad and a charging cable.

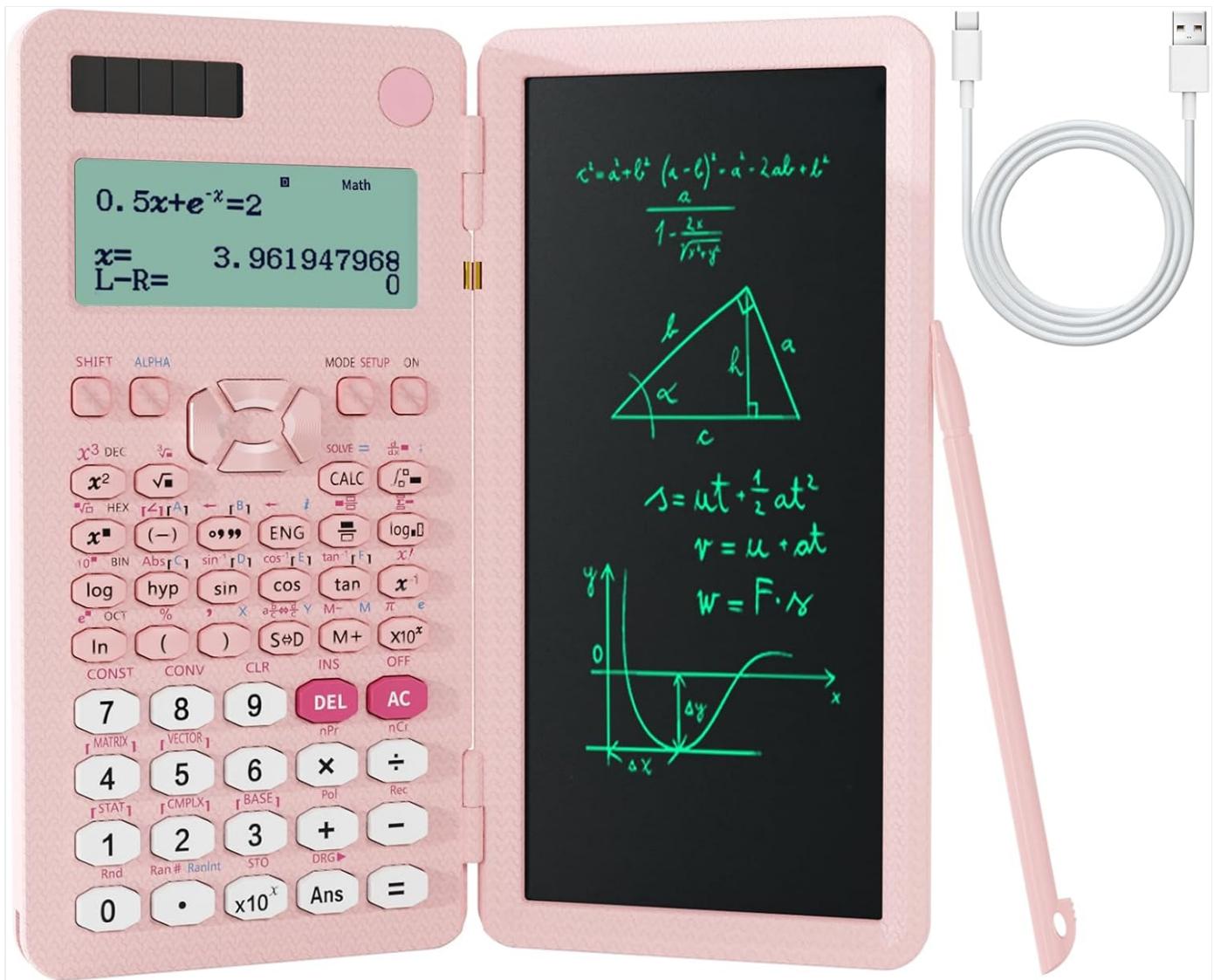


Figure 2.1: The NEWYES AB0607-1 Scientific Calculator in its open position, displaying the calculator keypad and screen on the left, and the integrated LCD writing tablet on the right. A stylus and USB charging cable are also shown.

Key Features:

- 417 Computing Functions:** Comprehensive functions including CALC, SOLVE, Base-N, EQN, MATRIX, TABLE, VECTOR, fractions, variable statistics, complex number calculations, and linear equations.
- Rechargeable & Solar Power:** Equipped with a built-in rechargeable battery and solar panel for dual power sources.
- Natural Writing Function:** The integrated notepad allows for input and output of content in a natural writing form.
- 4-Line Display:** Capable of displaying up to 199 characters, showing both entry and calculated results simultaneously.
- Integrated Notepad:** A 6.5-inch writing tablet with a stylus for taking notes during calculations. Features a one-click erase button and a lock key to prevent accidental deletion.
- Foldable & Portable Design:** Compact and dustproof, making it easy to store and carry.
- Sensitive Keys:** Premium plastic keys designed for sensitive and precise input.

Foldable & Portable

Dustproof, easy to store and carry.



Figure 2.2: The calculator's foldable design, illustrating its compact form factor for easy storage in a pouch or pocket, highlighting its portability.

3. SETUP

3.1 Initial Charging

Before first use, it is recommended to fully charge the calculator. Connect the provided Type-C charging cable to the charging port on the side of the calculator and to a standard USB power adapter (not included).

Rechargeable & Solar

Last for a long time and can be charged anytime anywhere.



Figure 3.1: The calculator being charged via its Type-C port. The device also features a solar panel for continuous power.

The calculator also utilizes solar energy. Ensure the solar panel located above the display is exposed to light for optimal power management.

3.2 Stylus Pen

The stylus pen is stored in a slot on the side of the calculator. Remove it for use with the writing tablet and reinsert it for storage.



Figure 3.2: An annotated image highlighting the lock switch, charging port, delete button, and the storage location for the stylus pen on the calculator.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on, press the **ON** button.
- To power off, press **SHIFT** then **AC** (OFF). The calculator also features an auto-power-off function after a period of inactivity to conserve battery.

4.2 Basic Calculator Operations

The calculator features a standard scientific keypad. Input numbers and operations as you would with any scientific calculator. The 4-line display shows your input expression and the result simultaneously.

4 Line Display

Show entry and calculated result in the display screen at same time. Convenient to use.



Figure 4.1: The 4-line display showing menu options for different calculation modes, allowing users to view both input and results.

4.3 Advanced Functions (417 Functions)

The calculator supports 417 functions, accessible via the **SHIFT** and **ALPHA** keys for secondary and tertiary functions printed above the buttons. Refer to the markings on the calculator keys for specific functions.

- **CALC/SOLVE:** For equation solving and function calculations.
- **Base-N:** For binary, octal, decimal, and hexadecimal calculations.
- **EQN (Equation):** For solving linear and higher-order equations.
- **MATRIX:** For matrix calculations.
- **TABLE:** For generating number tables from functions.
- **VECTOR:** For vector calculations.
- **Statistical Functions:** Includes single-variable and linear regression calculations.
- **Complex Number Calculations:** For operations involving complex numbers.
- **Trigonometric/Inverse Trigonometric, Hyperbolic/Inverse Hyperbolic Functions:** Standard scientific functions.

- **Logarithmic and Exponential Functions:** Natural logarithm, common logarithm, and exponential functions.
- **Fractions:** Input and calculation with fractions.

417 FUNCTIONS

Multi-functional calculator. Suitable for students and researchers.

FUNCTIONS <ul style="list-style-type: none"> • PI (π) and Natural Logarithm Base • Trigonometric and Inverse Trigonometric • Hyperbolic and Inverse Hyperbolic Functions • Converting and Input Value to the Calculator's Default Angle Unit • Exponential Functions and Logarithmic • Power Functions and Power Root • Integration Calculations • Differential Calculations • Σ Calculations • Rectangular - Polar Coordinate Conversion • Other Functions • Practical Functions 	BASIC (COMP) <ul style="list-style-type: none"> • Arithmetic Calculations • Fraction Calculations • Percent Calculations • Degree,Minute,Second (Sexagesimal) Calculations 	BASE-N	EQUATION (EQN)
CMPLX <ul style="list-style-type: none"> • Conjugate Complex Number(Conjg) • Absolute Value and Argument(Abs,arg) 	MATRIX	VECTOR	
STATISTICAL(STAT) <ul style="list-style-type: none"> • Single-variable Statistical Calculation • Linear Regression Calculation 			



Figure 4.2: A comprehensive list categorizing the 417 functions available on the calculator, including basic arithmetic, complex numbers, statistics, and advanced mathematical operations.

4.4 Using the Notepad

The right side of the calculator features a 6.5-inch LCD writing tablet. Use the provided stylus to write notes, draw diagrams, or perform scratch work.

- **Writing:** Use the stylus to write directly on the LCD screen. The thickness of the lines varies with pen pressure.
- **One-Click Erase:** Press the **Delete Button** (located above the notepad) to clear all content from the screen.
- **Lock Function:** To prevent accidental erasure, slide the **LOCK KEY** (located on the side of the notepad) to the locked position. When locked, the delete button will not function. Slide it back to the unlocked position to enable erasing.



One-click Erase



Avoid deleting By Mistake



The thickness of the lines varies with pen pressure



Stylus Pen

Figure 4.3: Demonstrations of the notepad's functionality, including the one-click erase feature, the lock switch to prevent unintended deletions, the pressure-sensitive writing, and the integrated stylus storage.

5. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the calculator and notepad screen. Do not use abrasive cleaners or solvents.
- Storage:** Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures. The foldable design helps protect the screen and keys from dust and damage.
- Battery Care:** Although the calculator has solar power, regular charging via the Type-C port is recommended to maintain battery health, especially if stored for long periods or used in low-light conditions.
- Stylus:** Keep the stylus stored in its designated slot when not in use to prevent loss.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Calculator does not turn on.	Low battery or no power.	Charge the calculator using the Type-C cable. Ensure the solar panel is exposed to light.
Notepad content cannot be erased.	Lock key is engaged.	Slide the LOCK KEY to the unlocked position, then press the delete button.
Display is dim or blank.	Low battery or insufficient light for solar panel.	Charge the calculator. Ensure adequate lighting for the solar panel.
Keys are unresponsive.	Temporary software glitch.	Try turning the calculator off and on again. If issue persists, contact support.

7. SPECIFICATIONS

Model Number: AB0607-1

Brand: NEWYES

Calculator Type: Engineering/Scientific

Number of Functions: 417

Display: 4-Line Display

Notepad Size: 6.5 inches

Power Source: Rechargeable Battery (1 CR5 battery included), Solar Powered

Product Dimensions: 12 x 2 x 0.04 inches (unfolded)

Item Weight: 9.6 ounces

Material: ABS

Work Temperature: 0-40°C

Use Times of Notepad: Over 50,000 times

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Specific warranty details may vary by region and retailer. Please retain your proof of purchase for any warranty claims. For detailed warranty terms, refer to the documentation included with your product or contact NEWYES customer support.

8.2 Customer Support

For further assistance, technical support, or inquiries regarding your NEWYES AB0607-1 Scientific Calculator, please visit the official NEWYES store or contact their customer service department.

NEWYES Official Store: [Visit Store](#)

Please have your model number (AB0607-1) and purchase information ready when contacting support.



