

NEWYES AB0607

NEWYES Scientific Calculator with Notepad 991ES (Model AB0607)

User Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your NEWYES Scientific Calculator with Notepad, Model AB0607. This innovative device combines a powerful scientific calculator with an integrated LCD writing tablet, designed to enhance efficiency for students, educators, and professionals in scientific and mathematical fields.

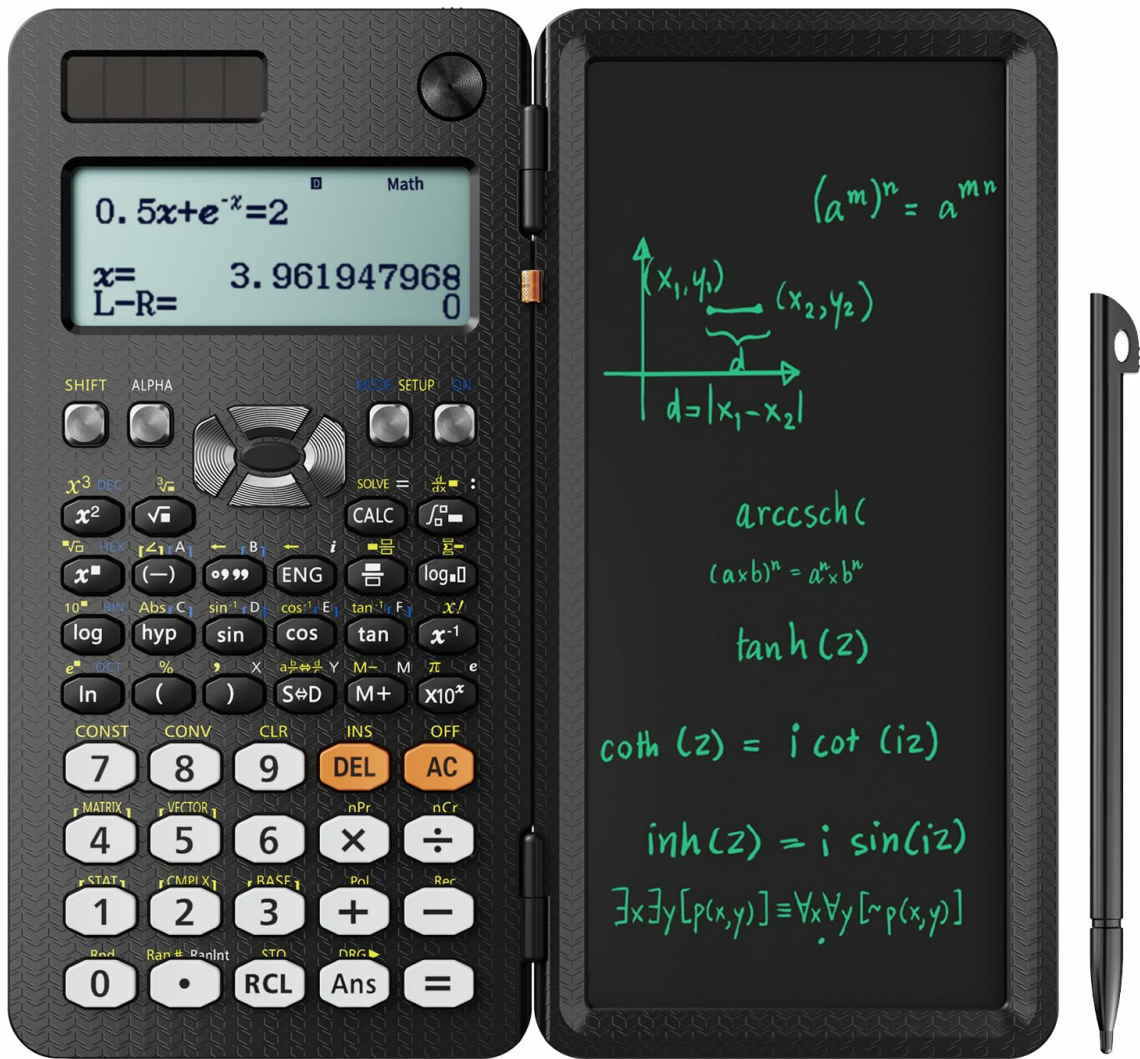


Figure 1: The NEWYES Scientific Calculator with Notepad, featuring a scientific calculator on the left and an integrated writing tablet on the right, along with its stylus.

2. SETUP

2.1 Package Contents

Before first use, please verify that all components are present in the package:

- NEWYES Scientific Calculator with Notepad (Model AB0607)
- Stylus for writing pad
- CR5 battery (pre-installed)
- User Manual (this document)

2.2 Power Supply

The calculator is equipped with dual power supply modes: solar power and battery power. The pre-installed CR5 battery provides power when solar energy is insufficient. For optimal performance, ensure the solar panels are exposed to light during use.

Figure 2: Location of the solar panels and LCD display on the calculator.

2.3 Stylus Usage and Storage

The stylus is essential for using the integrated writing pad. It is stored securely in a dedicated slot on the side of the calculator. To remove, gently pull the stylus from its slot. To store, push it back into the slot until it clicks into place.



Figure 3: Proper removal and storage of the stylus.

3. OPERATING INSTRUCTIONS

3.1 Calculator Functions

The NEWYES Scientific Calculator offers 417 functions, covering a wide range of mathematical operations from basic arithmetic to complex scientific calculations. The 3-line display allows for simultaneous input of up to 199 characters and display of results.

- **Basic Operations:** Addition, subtraction, multiplication, division.
- **Scientific Functions:** Trigonometric, logarithmic, exponential, power, root functions.
- **Advanced Modes:** CALC, SOLVE, Base-N, EQN (Equation), MATRIX, TABLE, VECTOR, Fractions, Variable Statistics, Complex number calculations, Linear regression, Base arithmetic, standard deviation, and polar-rectangular conversions.

To switch between different calculation modes, press the **MODE SETUP** button and select the desired option from the menu displayed on the screen.



417 Computing Functions

CALC, SOLVE, Base-N, EQN, MATRIX, MATRIX, TABLE, VECTOR, Fractions, Variable Statistics, Complex number calculations, Linear regression, Base arithmetic, standard deviation, and polar-rectangular conversions, etc..

Figure 4: Overview of the calculator's extensive function set.

3-Line Display

Can enter 199 characters at a time.
Display formulas and results simultaneously.

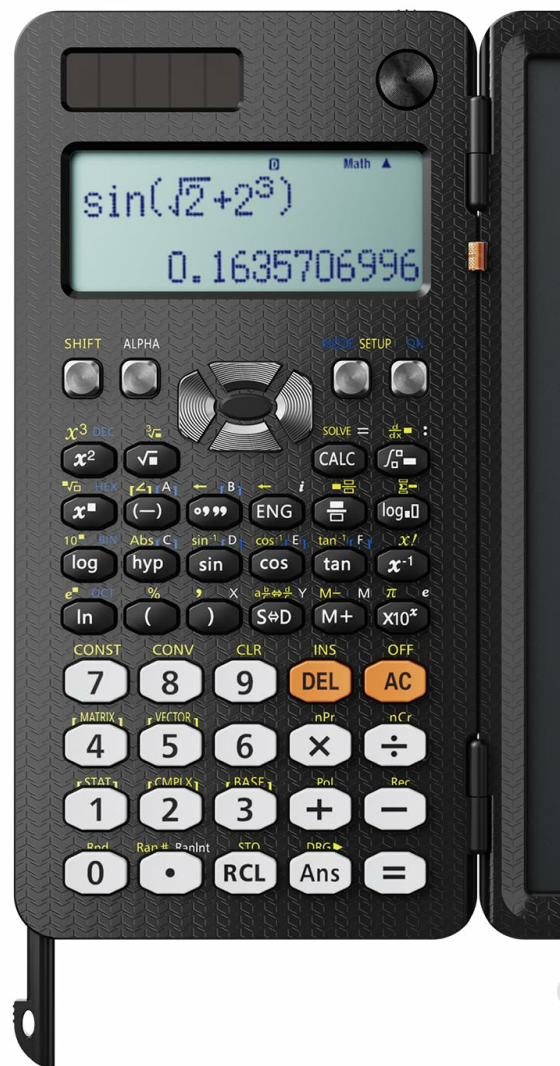


Figure 5: The 3-line display showing a complex calculation and its result.

3.2 Using the Writing Pad

The integrated LCD writing pad allows you to jot down notes, formulas, or intermediate steps directly alongside your calculations. Use the provided stylus to write on the pad. The writing appears in green on the black background.



Figure 6: Demonstrating the simultaneous use of the calculator and writing pad.

3.3 Clearing and Locking the Writing Pad

To clear the content on the writing pad, press the **Clear button** located above the writing pad. This will erase all current notes.

The writing pad features a lock switch to prevent accidental erasure of your notes. Locate the small switch on the side of the device, near the top of the writing pad. When the switch is in the locked position, the clear button will be inactive, preserving your notes. To erase, ensure the switch is in the unlocked position.



Figure 7: The lock switch for the writing pad, indicating locked and unlocked states.

Video 1: Demonstration of the NEWYES Scientific Calculator's features, including the writing pad and its lock function.

4. MAINTENANCE

4.1 Cleaning

To clean the calculator and writing pad, use a soft, dry cloth. For stubborn marks on the writing pad, a slightly damp cloth can be used, but ensure no moisture enters the device. Avoid using abrasive cleaners or solvents.

4.2 Battery Replacement

The calculator uses one CR5 battery. If the display becomes dim or the calculator does not power on reliably, the battery may need replacement. Refer to the battery compartment cover for specific instructions on how to open and replace the battery. Ensure correct polarity when inserting the new battery.

4.3 Storage

When not in use, fold the calculator to protect the screen and keypad. Store in a cool, dry place away from direct sunlight and extreme temperatures. The foldable design makes it compact and convenient for storage in a schoolbag or backpack.



Figure 8: The calculator's foldable design for portability and protection.



Figure 9: The compact size allows for easy transport in bags.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Writing pad cannot be erased.	The lock switch for the writing pad is engaged.	Flip the lock switch to the unlocked position.
Calculator does not turn on.	Insufficient light for solar power or depleted battery.	Ensure adequate lighting for solar panels or replace the CR5 battery.
Buttons are unresponsive or sticky.	Dust or debris under the keys.	Gently clean around the buttons with a soft, dry brush or cloth.

6. SPECIFICATIONS

- **Model:** AB0607
- **Product Dimensions:** 6.3 x 3.15 x 0.04 inches
- **Item Weight:** 8.8 ounces
- **Screen Size:** 6.5 Inches (for writing pad)
- **Calculator Type:** Scientific, Standard Function
- **Number of Functions:** 417
- **Display:** 3-line display
- **Power Source:** Battery Powered (1 CR5 battery included) and Solar Power

- **Writing Pad:** Integrated LCD writing tablet



Figure 10: Dimensions of the calculator for size reference.

7. WARRANTY AND SUPPORT

NEWYES products are manufactured to high quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the contact details provided on the product packaging or visit the official NEWYES website.

For further assistance, please contact NEWYES customer support.