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## iPepul 991EX

# iPepul Scientific Calculator with Notepad (Model 991EX) - User Manual

## 1. INTRODUCTION

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Welcome to the user manual for your new iPepul 991EX Scientific Calculator with an integrated notepad. This device is designed to support a wide range of mathematical and scientific calculations, from basic arithmetic to advanced functions, while also providing a convenient digital writing surface for notes and scratch work. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal use of your calculator.

# Calculator + writing pad



Figure 1.1: The iPepul 991EX calculator in various educational and professional settings.

## 2. PRODUCT OVERVIEW

The iPepul 991EX is a versatile scientific calculator featuring 552 functions and an integrated LCD writing pad. Its compact, foldable design makes it ideal for students and professionals requiring both calculation and note-taking capabilities on the go.

### Key Features:

- **552 Calculation Functions:** Covers trigonometric, exponential, logarithmic, calculus, statistical, algebraic, complex numbers, matrices, and vectors.
- **Integrated Notepad:** Facilitates simultaneous calculation and note-taking.
- **Secure Locking Key:** Prevents accidental deletion of content on the writing screen.
- **Dual Power Source:** Operates on solar power and is rechargeable via Type-C.
- **Multi-functional Keyboard:** Equipped with scientific symbols and function keys for enhanced efficiency.
- **Portable Design:** Foldable and lightweight for easy transport.

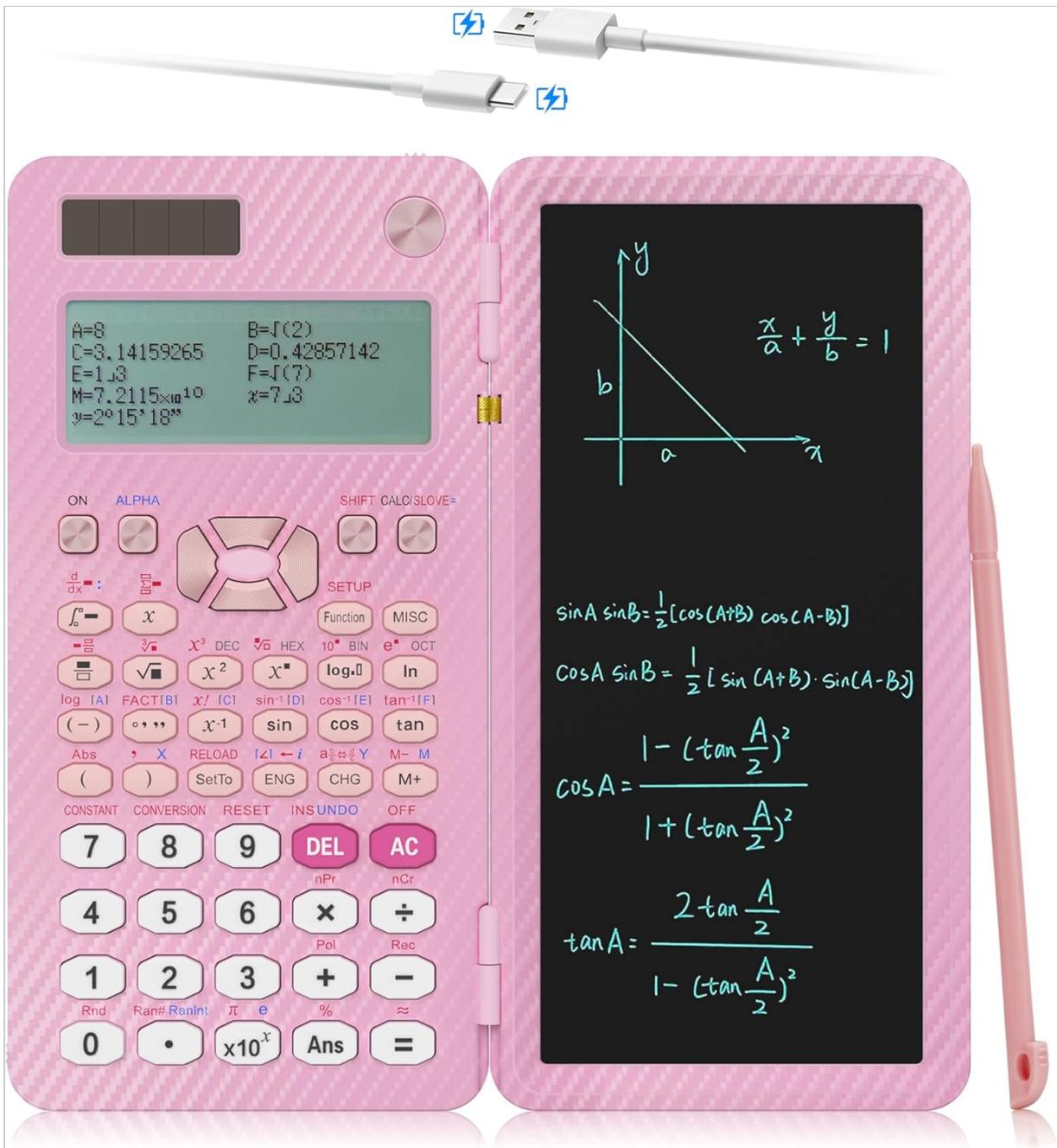


Figure 2.1: The iPePul 991EX Scientific Calculator with its integrated writing pad.



Figure 2.2: Overall design of the iPePul 991EX calculator.

## 3. SETUP

### 3.1 Unboxing and Initial Inspection

Upon receiving your iPepul 991EX calculator, carefully open the packaging and remove all contents. Verify that the calculator, stylus pen, and Type-C charging cable are present. Inspect the device for any visible damage.



Figure 3.1: Contents of the iPepul 991EX package.

### 3.2 Initial Charge

Although the calculator features solar power, it is recommended to fully charge the device using the provided Type-C cable before first use. Connect the Type-C cable to the charging port on the calculator and a compatible USB power source.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

- To turn on: Press the **ON** button.
- To turn off: Press **SHIFT** then **AC** (OFF).

### 4.2 Basic Calculations

Perform standard arithmetic operations (addition, subtraction, multiplication, division) using the numeric keypad and operation symbols. Press **=** to display the result.

### 4.3 Advanced Functions (552 Functions)

The iPepul 991EX supports 552 functions. Many advanced functions are accessed by pressing the **SHIFT** key followed by the corresponding function button. Refer to the detailed function guide included in the packaging for specific operations related to:

- Trigonometric functions (sin, cos, tan)

- Logarithmic and exponential functions ( $\log$ ,  $\ln$ ,  $e^x$ )
- Calculus (integration, differentiation)
- Statistical calculations
- Complex numbers, matrices, and vectors
- Equation solving and inequalities

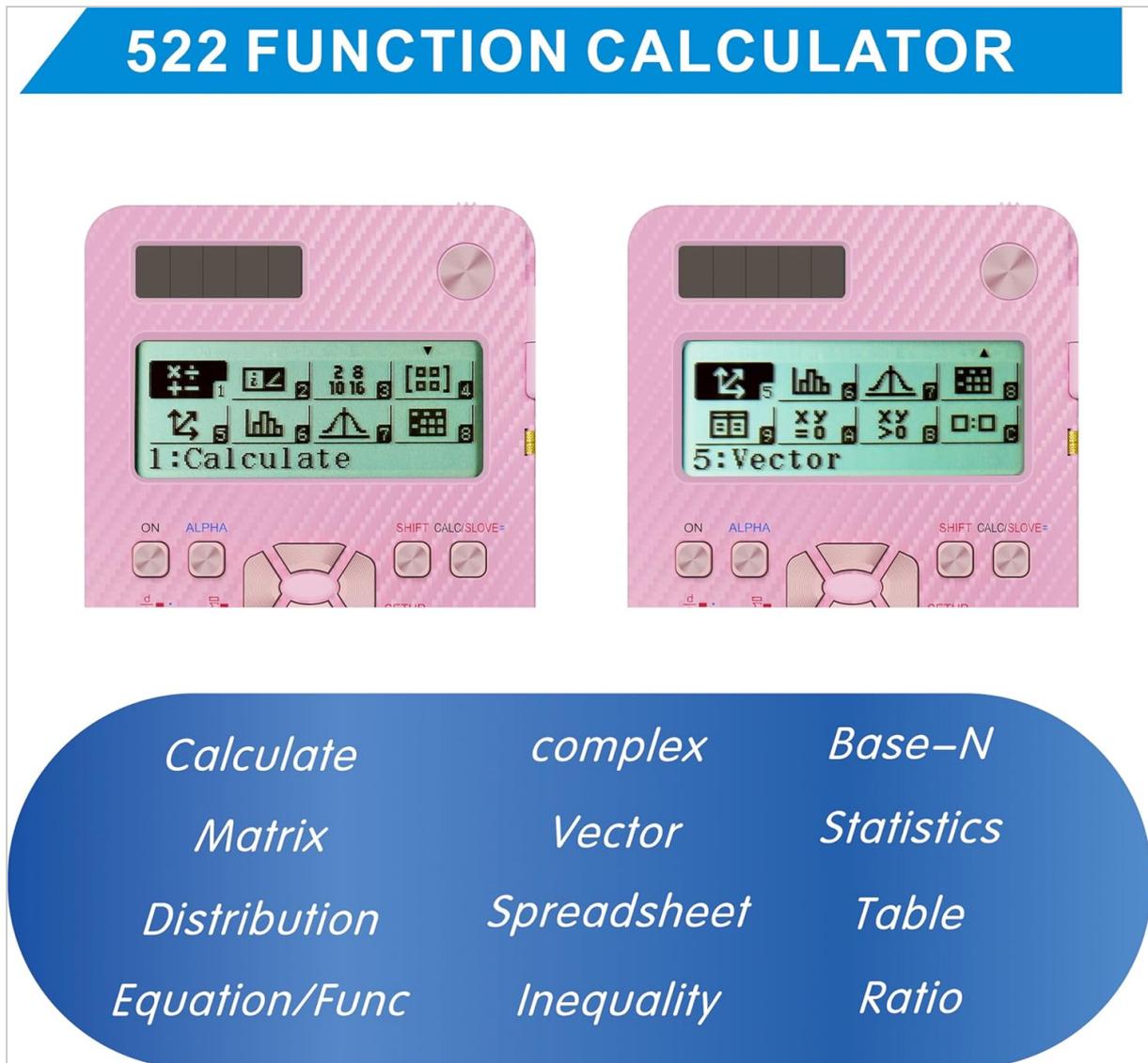


Figure 4.1: Display modes for various calculation functions.

#### 4.4 Notepad Usage

The integrated LCD writing pad allows for quick notes and scratch work. Use the provided stylus pen to write directly on the black screen.

- **Writing:** Use the stylus to write on the right-hand screen.
- **Erasing:** Press the **One Delete Button** (located above the writing pad) to clear the screen.
- **Locking Content:** To prevent accidental erasure, slide the **Lock Key** (located on the top edge of the writing pad) to the locked position.
- **Unlocking Content:** Slide the **Lock Key** back to the unlocked position to enable erasing.

# Multi-functional Calculator

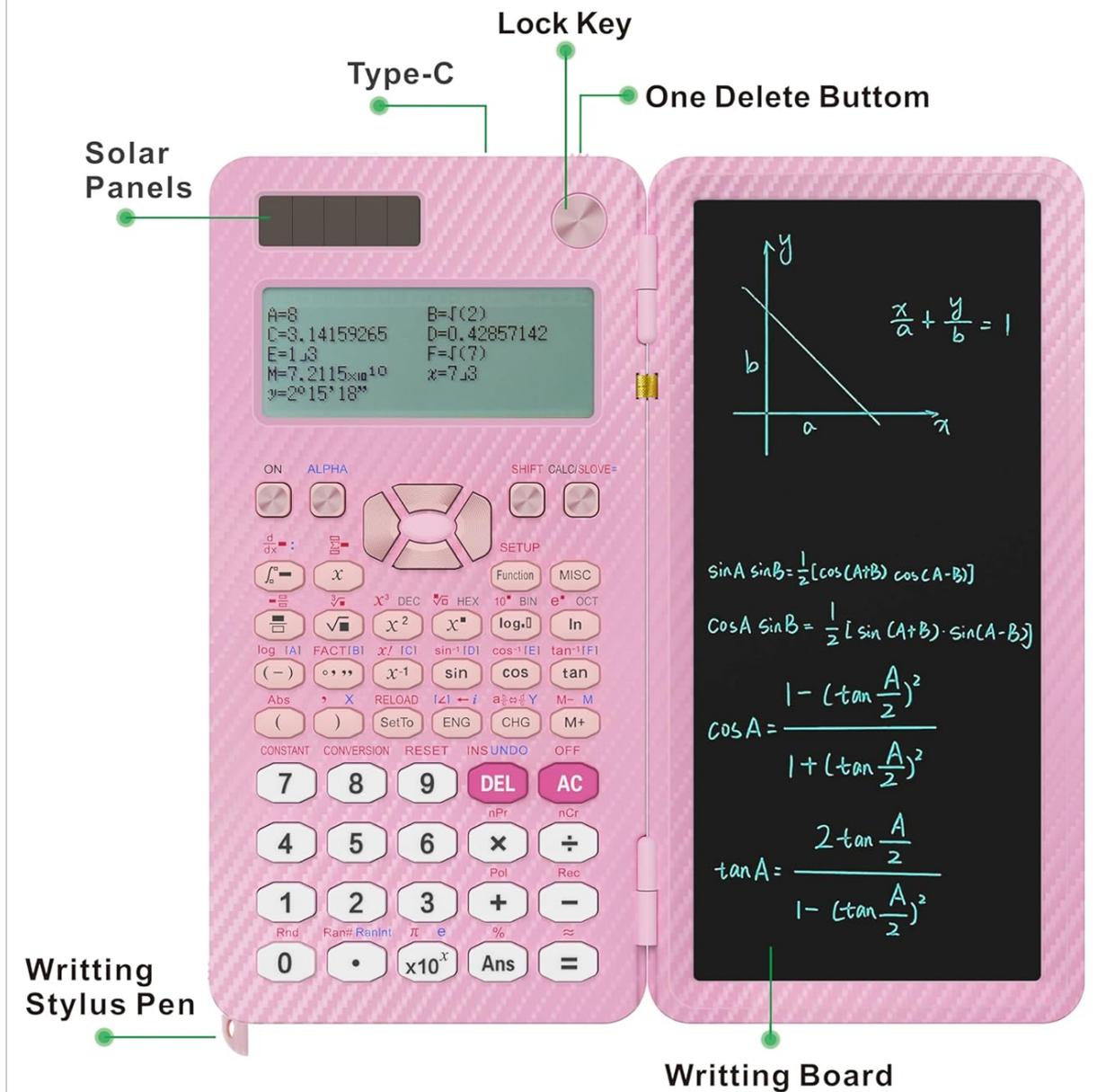


Figure 4.2: Key components of the multi-functional calculator, including the writing board and lock key.

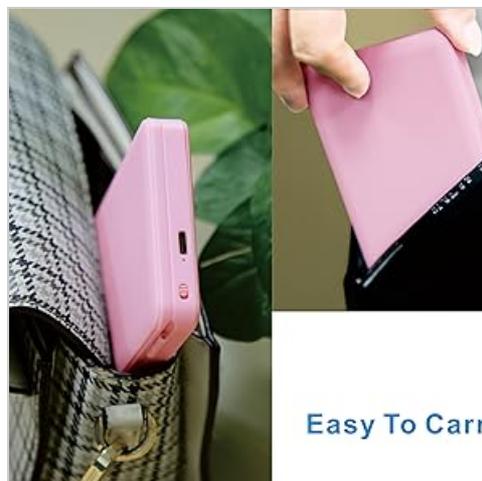


Figure 4.3: Detail of the secure locking key for the writing screen.

## 5. CHARGING AND POWER

The iPepul 991EX calculator is equipped with a dual power system to ensure continuous operation.

- **Solar Power:** The calculator features a solar panel that charges the internal battery when exposed to light. This provides an eco-friendly and convenient power source for everyday use.
- **Type-C Charging:** For faster charging or when solar power is insufficient, use the provided Type-C cable to connect the calculator to a USB power adapter, computer, or power bank.

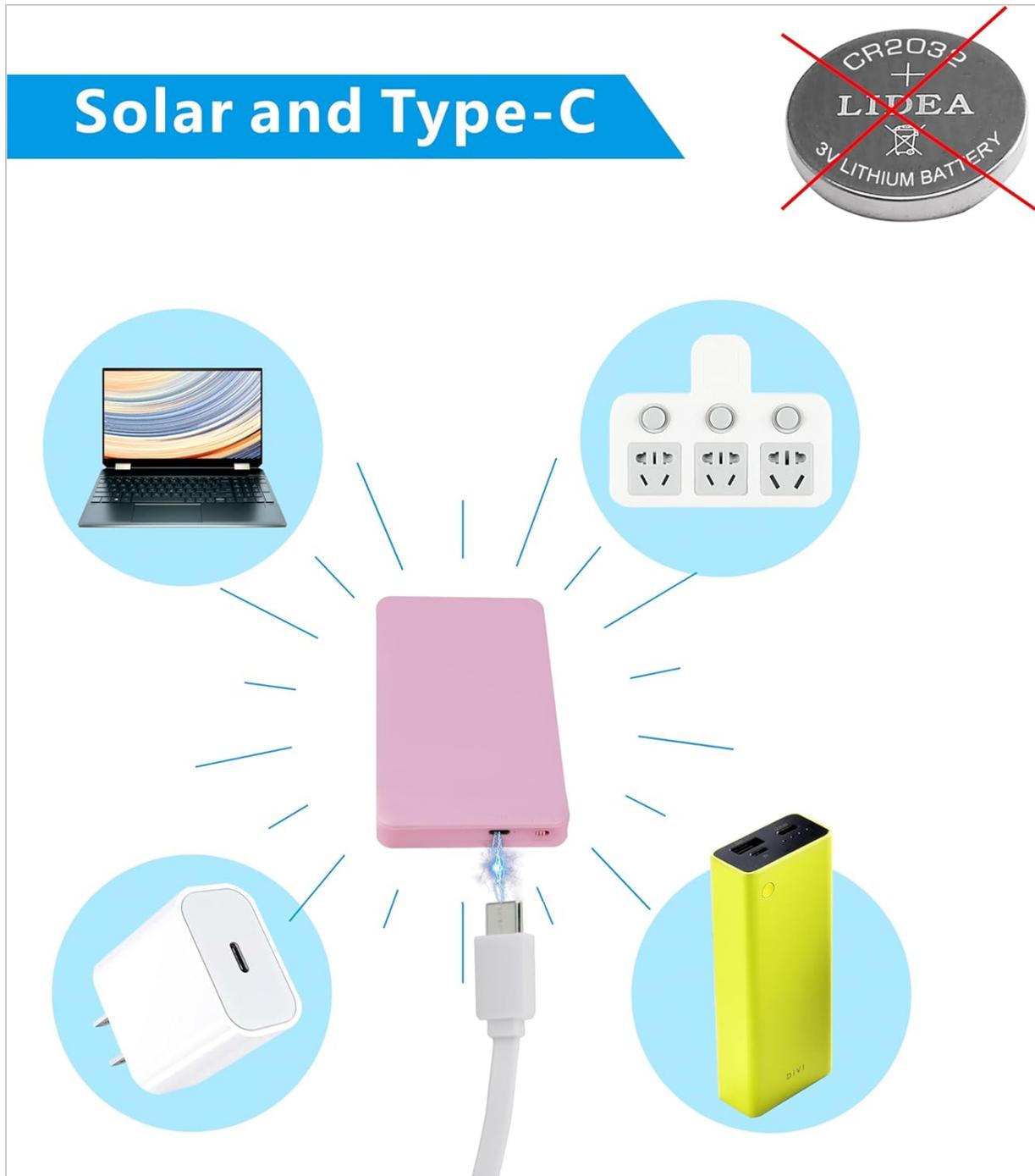


Figure 5.1: Illustration of solar and Type-C charging methods.

### Official Product Video: Charging and Features

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Video 5.1: This video demonstrates the Type-C charging capability and highlights various features of the iPepul 991EX Scientific Calculator.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the calculator's surface and screen. Avoid abrasive cleaners or solvents.
- **Storage:** Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the writing pad is closed to protect the screen.
- **Stylus Care:** Keep the stylus clean and store it securely in its designated slot to prevent loss or damage.

## 7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Calculator does not turn on.	Low battery or no power.	Charge the calculator using the Type-C cable or expose the solar panel to light.
Writing pad content cannot be erased.	The lock key is engaged.	Slide the lock key to the unlocked position, then press the erase button.
Incorrect calculation results.	Incorrect mode setting or input error.	Check the calculator's mode (e.g., DEG/RAD) and re-enter the calculation carefully. Refer to the function guide for complex operations.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	991EX
Product Dimensions	6.5 x 3.2 x 0.04 inches
Item Weight	15.8 ounces
Power Source	Solar, Type-C Rechargeable (1 Lithium Ion battery included)
Screen Size	2.7 Inches (Calculator Display)
Calculator Type	Engineering/Scientific
Number of Functions	552

# SIZE and WRITTEN DISPLAY

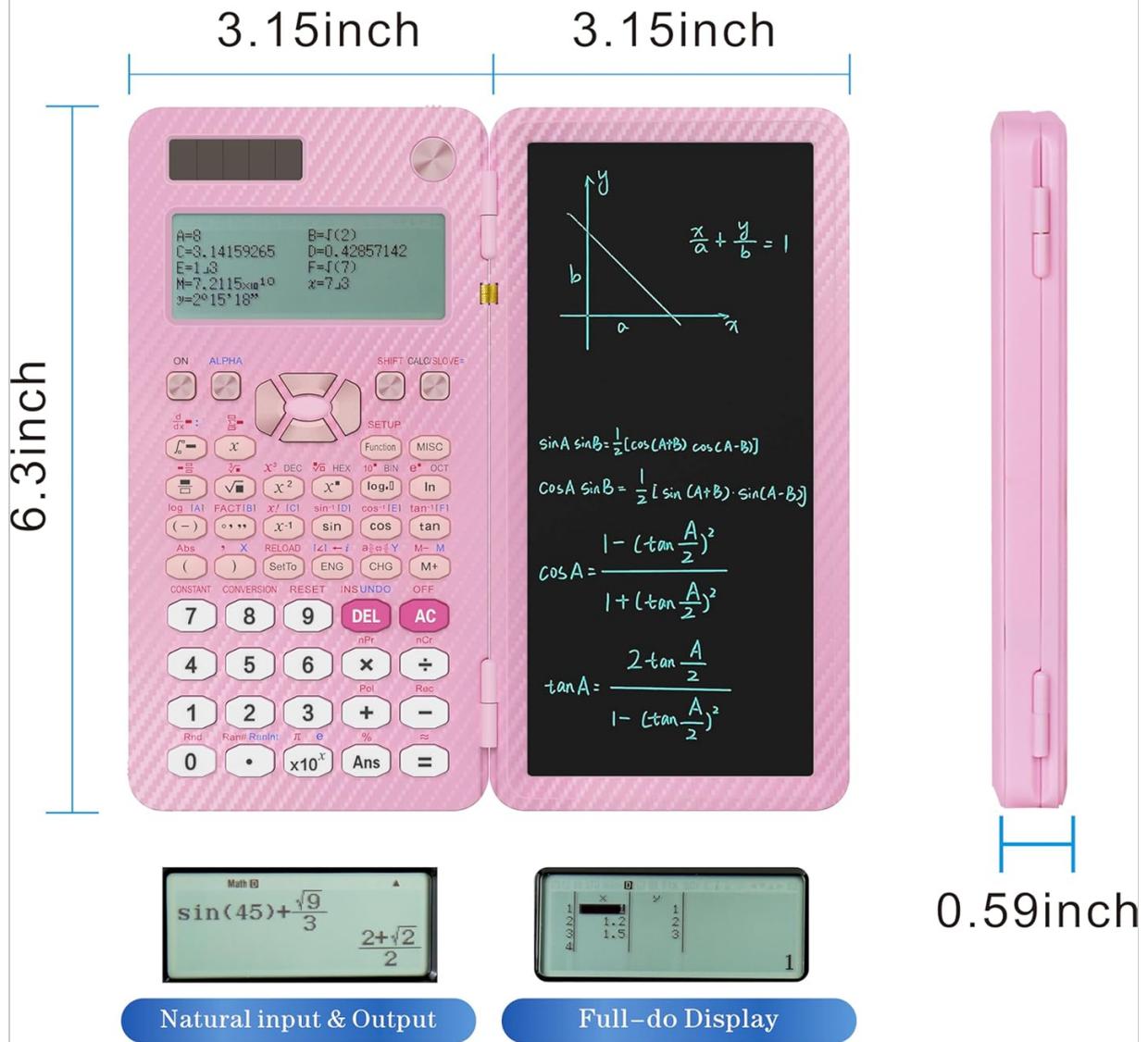


Figure 8.1: Physical dimensions and display examples of the calculator.

## Official Product Video: 552 Functions Overview

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Video 8.2: This video provides an overview of the 552 functions available on the iPepul 991EX Scientific Calculator.

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the contact details provided in the product packaging or visit the official iPepul store online. Keep your purchase receipt as proof of purchase for any warranty claims.

Visit the [iPepul Store](#) for more products and information.

Rechargeable Scientific Calculator E-Writer



User's Guide

AB0607NY-991EXJ

[Rechargeable Scientific Calculator E-Writer User's Guide](#)

This user's guide provides comprehensive instructions for the Newyes Rechargeable Scientific Calculator E-Writer, covering basic operations, advanced functions, setup configurations, and troubleshooting.

COMPLEX



[Casio fx-991EX/fx-570EX Complex Number Calculations Guide](#)

A quick start guide for performing complex number calculations, including addition, multiplication, and conversions between rectangular and polar forms, on Casio fx-991EX and fx-570EX scientific calculators.

CASIO QUICK START GUIDE fx-991EX

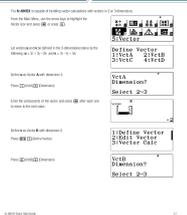


http://edu.casio.com/

[CASIO fx-991EX Quick Start Guide](#)

A quick start guide for the CASIO fx-991EX scientific calculator, detailing its high-resolution display, basic operations, and the functions available through its icon-based menu.

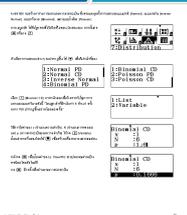
VECTOR



[Casio fx-991EX: Vector Calculations Quick Start Guide](#)

A quick start guide for the Casio fx-991EX and fx-570EX scientific calculators, detailing how to perform vector calculations including definition, addition, subtraction, multiplication, dot product, and finding the angle between vectors.

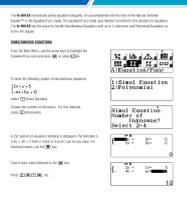
DISTRIBUTION



[Casio fx-991EX Distribution Calculations Guide](#)

A guide to using the Casio fx-991EX scientific calculator for various distribution calculations, including Binomial, Poisson, and Inverse Normal distributions.

EQUATION/FUNC



[Casio fx-991EX Equation/Func Mode Guide](#)

A guide to using the Equation/Func mode on the Casio fx-991EX scientific calculator for solving simultaneous and polynomial equations, including detailed steps and examples.