

HP HP 10B II Plus

HP 10B II Plus Financial Scientific Calculator and WYNGS Protective Case User Manual

Model: HP 10B II Plus

1. INTRODUCTION

This manual provides detailed instructions for the HP 10B II Plus Financial Scientific Calculator and its accompanying WYNGS Protective Case. It covers product features, setup procedures, operational guidelines, maintenance tips, and troubleshooting information to ensure optimal use and longevity of your device and accessory.



Figure 1.1: HP 10B II Plus Calculator and WYNGS Protective Case.

2. PRODUCT OVERVIEW

2.1 HP 10B II Plus Financial Scientific Calculator

The HP 10B II Plus is a versatile calculator designed for business, financial, statistical, and mathematical calculations. It features an intuitive keyboard layout for efficient operation and an easy-to-read display with adjustable contrast and on-screen labels. This calculator is approved for use on various standardized tests, including SAT, PSAT/NMSQT, and College Board AP tests.



Figure 2.1: Front view of the HP 10B II Plus Calculator.

2.2 WYNGS Protective Case

The WYNGS Protective Case is designed to safeguard your HP 10B II Plus calculator from physical damage. It features a durable construction and a secure zipper closure that runs over three sides, ensuring the calculator remains protected during transport and storage. The case is ultra-slim and lightweight, providing protection without adding significant bulk.



Figure 2.2: Closed WYNGS Protective Case.

3. SETUP

3.1 Calculator Battery Installation

The HP 10B II Plus calculator is powered by batteries. To install or replace batteries:

1. Locate the battery compartment cover on the back of the calculator.
2. Use a small screwdriver or coin to open the cover.
3. Insert new batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover and secure it.

It is recommended to use fresh, high-quality batteries for optimal performance.

3.2 Using the Protective Case

To use the WYNGS Protective Case:

1. Unzip the case completely using the three-sided zipper.

2. Carefully place the HP 10B II Plus calculator inside the case. Ensure it fits snugly within the designated area.
3. Zip the case closed to secure the calculator.



Figure 3.1: Open WYNGS Protective Case ready for calculator insertion.

4. OPERATING THE CALCULATOR

4.1 Basic Operations

- **Power On/Off:** Press the **ON** button to turn on the calculator. Press **SHIFT** then **ON** to turn it off.
- **Clear:** Use the **C** button to clear the current entry. Press **SHIFT** then **C** to clear all memory.
- **Arithmetic:** Perform basic calculations using the **+**, **-**, **×**, and **÷** keys.

4.2 Financial Functions

The HP 10B II Plus is equipped with various financial functions. Key functions include:

- **Time Value of Money (TVM):** Use **N** (number of periods), **I/YR** (interest rate per year), **PV** (present value), **PMT** (payment), and **FV** (future value) keys to solve for various financial scenarios.
- **Cash Flow Analysis:** Utilize **CFj** and **NPV** (Net Present Value) or **IRR** (Internal Rate of Return) to analyze investment projects.
- **Interest Conversion:** Convert between nominal and effective interest rates.

4.3 Statistical Functions

For statistical analysis, the calculator offers:

- **Data Entry:** Enter data points using the $\Sigma+$ key.
- **Mean and Standard Deviation:** Calculate mean (\bar{x}) and standard deviation (Sx) for entered data.
- **Linear Regression:** Perform linear regression analysis.

5. OPERATING THE PROTECTIVE CASE

The WYNGS Protective Case is designed for simple and effective use. Its primary function is to provide a secure environment for your calculator, protecting it from scratches, impacts, and dust.

- **Protection:** The hard shell exterior and soft interior lining absorb shocks and prevent surface damage.
- **Portability:** The compact design allows for easy storage in backpacks, briefcases, or desk drawers.
- **Accessibility:** The three-sided zipper ensures quick and full access to your calculator when needed.

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Video 5.1: Demonstration of WYNGS Protective Cases, showcasing their features and various color options. This video illustrates the design and functionality of the case.

6. MAINTENANCE

6.1 Calculator Care

- **Cleaning:** Wipe the calculator's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Storage:** Store the calculator in its protective case when not in use to prevent dust accumulation and accidental damage.
- **Battery Replacement:** Replace batteries promptly when the display dims or the calculator behaves erratically. Refer to Section 3.1 for instructions.

6.2 Case Care

- **Cleaning:** The case can be cleaned with a damp cloth and mild soap. Allow it to air dry completely before use.
- **Avoid Harsh Chemicals:** Do not use strong detergents or bleach, as these may damage the case material.

7. TROUBLESHOOTING

If you encounter issues with your HP 10B II Plus calculator, consider the following:

Problem	Possible Cause	Solution
Calculator does not turn on	Dead or improperly installed batteries	Replace batteries (see Section 3.1) or ensure correct polarity.
Display is dim or blank	Low battery power	Replace batteries.
Incorrect calculation results	Incorrect mode setting or data entry error	Verify calculator mode (e.g., financial, statistical). Clear all memory (SHIFT then C) and re-enter data.

Problem	Possible Cause	Solution
Keys are unresponsive	Stuck key or internal issue	Gently clean around keys. If problem persists, contact support.

8. SPECIFICATIONS

Feature	Detail
Model Name	HP 10B II Plus
Item Model Number	4062401026221
Brand	HP (Calculator), WYNGS (Case)
Calculator Type	Financial, Scientific, Business
Power Source	Battery Powered
Display Digits	12
Item Weight	10.8 ounces (combined)
Package Dimensions	10.16 x 8.58 x 1.77 inches
First Available	August 4, 2022

9. WARRANTY AND SUPPORT

9.1 Warranty Information

For specific warranty details regarding your HP 10B II Plus calculator, please refer to the documentation provided by HP with the calculator itself. For the WYNGS Protective Case, please consult the manufacturer's warranty information, typically available on their official website or product packaging.

9.2 Customer Support

If you require further assistance or have questions not covered in this manual:

- For calculator-related inquiries, visit the official HP support website.
- For issues concerning the WYNGS Protective Case, refer to the WYNGS brand's customer service channels.