Texas Instruments 30XIIS/TBL/1L1/BS

Texas Instruments TI-30X IIS 2-Line Scientific Calculator User Manual

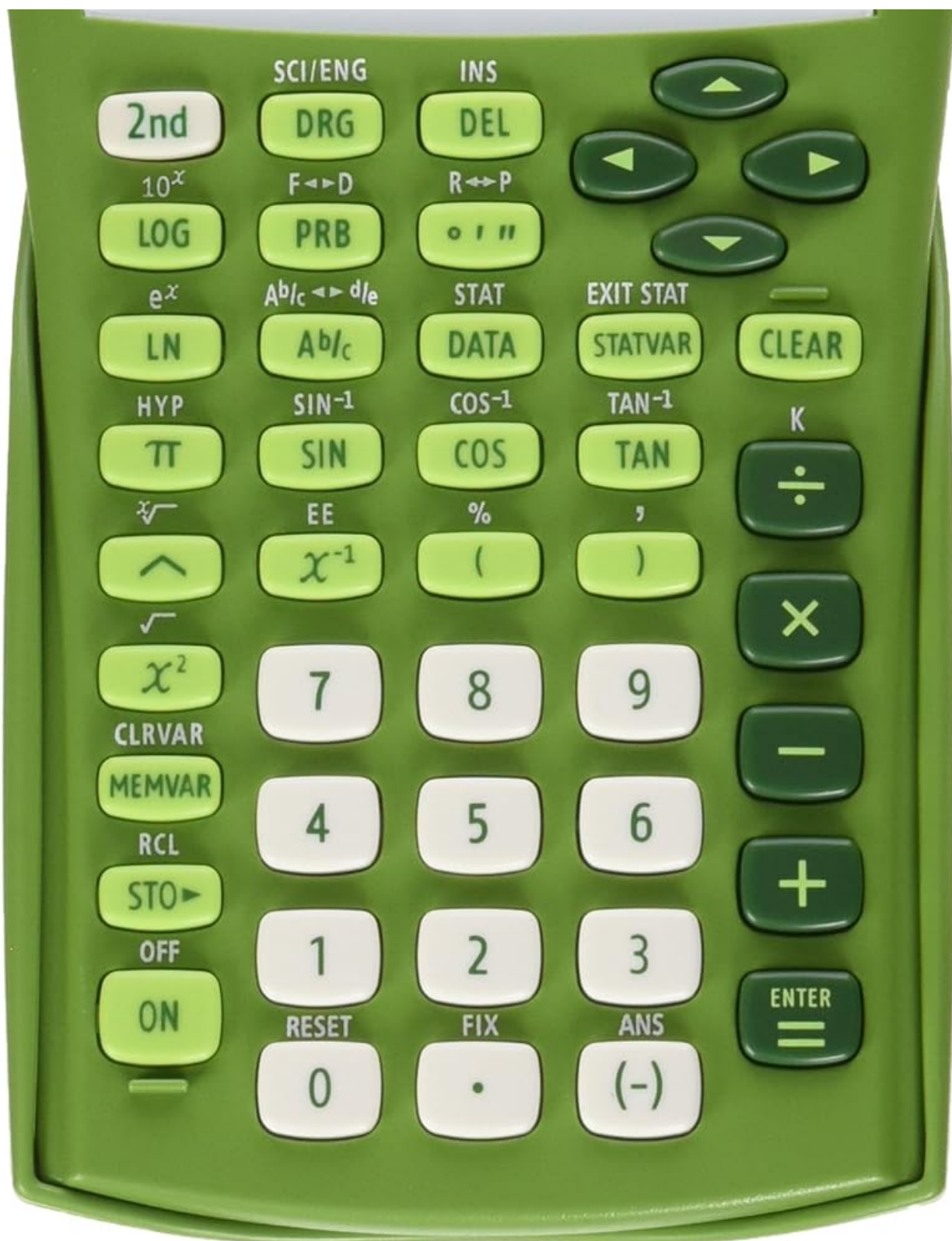Model: 30XIIS/TBL/1L1/BS

INTRODUCTION

The Texas Instruments TI-30X IIS 2-Line Scientific Calculator is a fundamental, two-line calculator designed for high school math and science. It combines statistics and advanced scientific functions, making it a versatile tool for various academic needs.

SETUP

Battery Installation

The TI-30X IIS calculator is powered by both solar energy and a Lithium Metal battery (included). For optimal performance and to ensure continuous operation, especially in low-light conditions, ensure the battery is properly installed. The calculator is designed for long-term reliability.

This image displays the front of the TI-30X IIS calculator, highlighting its two-line display, solar panel, and the arrangement of its scientific and numerical keys. The lime green casing is visible.

OPERATING INSTRUCTIONS

Basic Operations

Perform standard arithmetic operations (addition, subtraction, multiplication, division) using the dedicated keys. The two-line display shows both the entry and the calculated result simultaneously.

- Use the **+**, **-**, **x**, / keys for basic arithmetic.
- Press **=** (ENTER) to get the result.

- Use the **CLEAR** key to clear the current entry.
- Turn the calculator **ON** or **OFF** using the respective keys.

Scientific Functions

Access advanced mathematical functions using the **2nd** key followed by the desired function key. This includes logarithms, antilogarithms, powers, roots, and trigonometric functions.

- Logarithms: **LOG** (base 10) and **LN** (natural logarithm).
- Exponents: **10^x** and **e^x**.
- Powers and Roots: **x^2** (square) and **sqrt(x)** (square root).
- Trigonometry: **SIN**, **COS**, **TAN** and their inverse functions (**SIN-1**, **COS-1**, **TAN-1**).

Statistical Calculations

The calculator easily handles 1-variable and 2-variable statistical calculations. Use the **STAT** key to enter data and perform statistical analysis.

- Press **DATA** for data entry.
- Use **STATVAR** for statistical variables.

Angle Modes

Switch between three angle modes: degrees (DEG), radians (RAD), and grads (GRAD) using the **DRG** key. The current mode is indicated on the display.

Engineering Notation

Utilize scientific and engineering notation modes for displaying results, accessible via the **SCI/ENG** key.

MAINTENANCE

- Keep the calculator clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures.
- Protect the display and keys from scratches and impact.

TROUBLESHOOTING

- **Display is blank or dim:** Ensure sufficient light for the solar panel. If the issue persists, the internal battery may need replacement. Refer to the battery installation section.
- **Incorrect results:** Verify the correct angle mode (DEG, RAD, GRAD) is selected for trigonometric calculations. Double-check your input and the order of operations.
- **Keys are unresponsive:** Gently clean around the keys to remove any debris. Avoid pressing keys with excessive force.

SPECIFICATIONS

Feature	Detail
Product Dimensions	6.1 x 3.2 x 0.74 inches
Item Weight	4.8 ounces

ASIN	B007HIVMBO
Item model number	30XIIS/TBL/1L1/BS
Batteries	1 Lithium Metal batteries required. (included)
Manufacturer	Texas Instruments
Brand	Texas Instruments
Color	Lime Green
Calculator Type	Engineering/Scientific
Power Source	Battery Powered
Screen Size	1

WARRANTY

The Texas Instruments TI-30X IIS Scientific Calculator comes with a 1-year limited warranty. Please retain your proof of purchase for warranty claims.

SUPPORT

For additional support, frequently asked questions, or to download a full user manual, please visit the official Texas Instruments website or contact their customer service.