Texas Instruments TI5018

Texas Instruments TI-5018 Desktop Calculator User Manual

Model: TI5018

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Texas Instruments TI-5018 Desktop Calculator. Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your device.
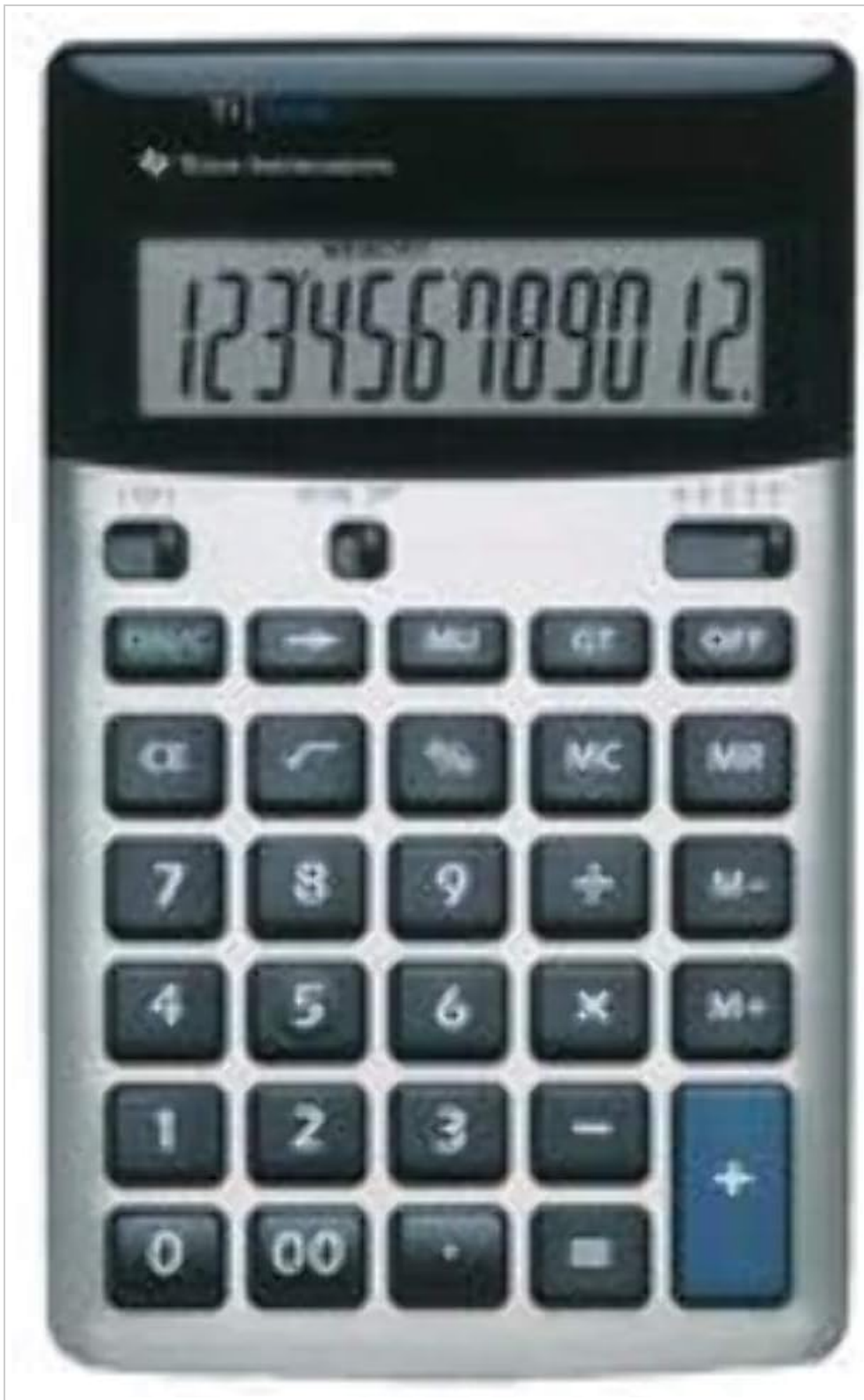
Image Description: A front view of the Texas Instruments TI-5018 Desktop Calculator. It features a black top panel with the Texas Instruments logo and a large, clear 12-digit LCD display. The main body of the calculator is silver-colored with dark gray rectangular buttons. Key labels visible include numbers 0-9, 00, decimal point, arithmetic operators (+, -, x, /), equals (=), CE (Clear Entry), C/AC (Clear All/All Clear), GT (Grand Total), MU (Markup), M+, M-, MR (Memory Recall), MC (Memory Clear), and an OFF button. A prominent blue '+' button is located at the bottom right.

SETUP

Power Source

The TI-5018 calculator operates using a dual power system: solar power and a battery backup. For optimal performance, ensure the solar panel is exposed to sufficient light. The calculator also includes a pre-

installed LR44 alkaline battery for use in low-light conditions or as a backup.

Battery Installation/Replacement

The calculator comes with one LR44 battery pre-installed. If the display becomes dim or unresponsive in low light, the battery may need replacement.

1. Turn the calculator OFF.
2. Locate the battery compartment on the back of the calculator.
3. Using a small screwdriver, open the battery compartment cover.
4. Remove the old LR44 battery and insert a new one, ensuring correct polarity (+/-).
5. Replace the battery compartment cover and secure it.

Note: Dispose of used batteries according to local regulations.

OPERATING INSTRUCTIONS

Basic Operations

- **Power ON:** The calculator powers on automatically when exposed to light or by pressing any key if already in a low-power state.
- **Power OFF:** Press the `OFF` button to turn off the calculator and conserve battery life.
- **Clear Entry (CE):** Press `CE` to clear the last entered number without affecting previous calculations or memory.
- **Clear All (C/AC):** Press `C/AC` once to clear the current entry. Press it twice to clear all calculations and reset the calculator.
- **Number Entry:** Use the number keys `0` - `9` and `00` to input values.
- **Decimal Point:** Press `.` for decimal calculations.
- **Arithmetic Operations:** Use `+` (addition), `-` (subtraction), `x` (multiplication), and `/` (division).
- **Equals:** Press `=` to display the result of a calculation.
- **Backspace:** Use the `←` key to delete the last digit entered.

Memory Functions

- **Memory Plus (M+):** Adds the displayed value to the memory.
- **Memory Minus (M-):** Subtracts the displayed value from the memory.
- **Memory Recall (MR):** Displays the current value stored in memory.
- **Memory Clear (MC):** Clears the value stored in memory.

Advanced Functions

- **Grand Total (GT):** Accumulates the results of all calculations performed using the `=` key. Press `GT` to display the grand total.
- **Markup (MU):** Used for calculating selling prices based on cost and desired profit margin.

MAINTENANCE

Cleaning

To clean the calculator, use a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water and a mild detergent, then wipe dry immediately. Do not use abrasive cleaners, solvents, or spray directly onto

the calculator.

Storage

Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the calculator is turned off.

TROUBLESHOOTING

- **Display is dim or blank:**
  - Ensure the solar panel is exposed to sufficient light.
  - The battery may be low or depleted. Replace the LR44 battery as described in the "Battery Installation/Replacement" section.

- **Calculator is unresponsive:**
  - Press the `C/AC` button twice to clear all operations.
  - Check the battery. If the issue persists, try replacing the battery.

- **Incorrect calculation results:**
  - Ensure numbers and operations are entered correctly.
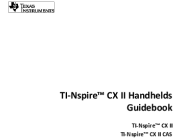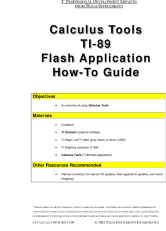 - Clear all previous calculations by pressing `C/AC` twice.
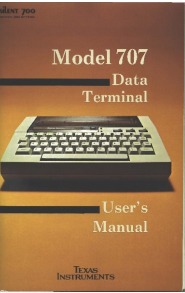
SPECIFICATIONS

Feature	Detail
Model	TI5018
Brand	Texas Instruments
Display Type	LCD
Display Size	16 Millimeters (standing screen)
Power Source	Solar, Battery (LR44)
Batteries Required	1 x LR44 (included)
Human Interface Input	Buttons
Product Dimensions	0.1 x 0.1 x 0.1 cm; 200 g

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Texas Instruments website. Keep your purchase receipt as proof of purchase.

Related Documents - TI5018

TI Connect™ CE Software	[Handleiding TI Connect™ CE Software van Texas Instruments](#) Leer hoe u de TI Connect™ CE Software van Texas Instruments gebruikt voor het beheren van uw grafische rekenmachines, het vastleggen van schermen, het overzetten van bestanden en het ontwikkelen van programma's.
TEXAS INSTRUMENTS TI-1795 MINI DESKTOP CALCULATOR QUICK REFERENCE GUIDE	[Texas Instruments TI-1795 Mini Desktop Calculator Quick Reference Guide](#) A comprehensive quick reference guide for the Texas Instruments TI-1795 Mini Desktop Calculator, covering its features, operations, and troubleshooting.
TI-Nspire™ CX II Handhelds Guidebook TI-Nspire™ CX II TI-Nspire™ CX II CAS	[TI-Nspire CX II Handhelds Guidebook: User Manual](#) Comprehensive guidebook for Texas Instruments TI-Nspire CX II and TI-Nspire CX II CAS handheld graphing calculators, covering setup, usage, features, and troubleshooting.
Calculus Tools TI-89 Flash Application How-To Guide	[TI-89 Calculus Tools Flash Application How-To Guide](#) A guide for installing and using the Calculus Tools flash application on the Texas Instruments TI-89 graphing calculator, covering linking, transfer, and feature usage.
Model 707 Data Terminal User's Manual TEXAS INSTRUMENTS	[Texas Instruments Model 707 Silent 700 Data Terminal User's Manual](#) User's manual for the Texas Instruments Model 707 Silent 700 Data Terminal. Covers setup, operation, care, troubleshooting, specifications, and international keyboard layouts.

TI-83 Premium CE (Family) Graphing Calculator Getting Started Guide

A comprehensive guide to the Texas Instruments TI-83 Premium CE (Family) graphing calculator, covering its features, operation, and applications for students and educators.