Casio SL-320TER+-S

Casio SL-320TER Pocket Calculator User Manual
Model: SL-320TER+-S

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Casio SL-320TER Pocket Calculator. Please read these instructions carefully before using the calculator to ensure optimal performance and longevity.

2. SETUP

2.1 Power Source

The Casio SL-320TER calculator utilizes a two-way power system: solar power and a single LR44 button-cell battery. The solar cell operates in well-lit environments, while the battery provides power in low-light conditions.

- **Solar Power:** Ensure the calculator's solar panel is exposed to sufficient light for operation.
- **Battery Power:** The calculator comes with one LR44 battery installed. If the display becomes dim or unresponsive in low light, the battery may need replacement.

2.2 Initial Use

Upon first use, or after replacing the battery, the calculator should power on automatically when exposed to light or by pressing the **AC** (All Clear) button. If the display is blank, ensure adequate lighting or check the battery.
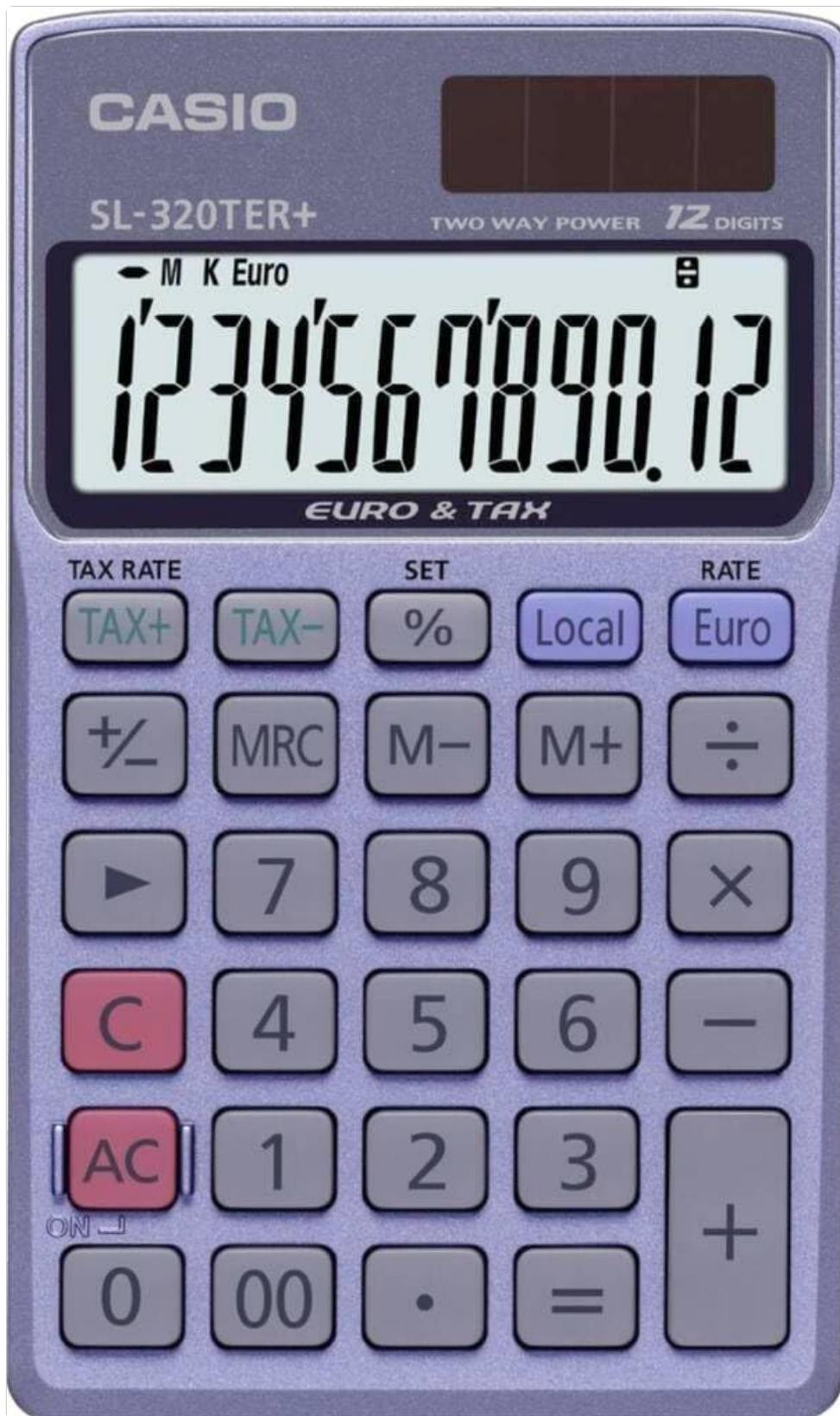
Figure 1: Front view of the Casio SL-320TER Pocket Calculator, illustrating the 12-digit display and key layout.

3. OPERATING INSTRUCTIONS

3.1 Basic Calculations

Perform standard arithmetic operations:

- **Addition:** Enter first number, press **+**, enter second number, press **=**.
- **Subtraction:** Enter first number, press **-**, enter second number, press **=**.

- **Multiplication:** Enter first number, press **x**, enter second number, press **=**.
- **Division:** Enter first number, press **÷**, enter second number, press **=**.
- **Decimal Point:** Use the **.** button for decimal values.
- **Double Zero:** Use the **00** button for quick entry of two zeros.

3.2 Clear Functions

- **C (Clear Entry):** Clears the last entered number or the current calculation entry without affecting previous calculations or memory.
- **AC (All Clear):** Clears all entries, calculations, and memory content, resetting the calculator to its initial state.

3.3 Memory Functions

The calculator includes independent memory for storing and recalling values:

- **M+ (Memory Plus):** Adds the displayed value to the memory.
- **M- (Memory Minus):** Subtracts the displayed value from the memory.
- **MRC (Memory Recall/Clear):** Press once to recall the value stored in memory. Press twice to clear the memory.

3.4 Tax Calculations

The calculator features dedicated tax calculation functions. First, set the tax rate:

1. Press **SET**.
2. Enter the tax rate percentage (e.g., 5 for 5%).
3. Press **TAX RATE**. The tax rate is now stored.

To perform tax calculations:

- **TAX+ (Add Tax):** Enter the original amount, then press **TAX+** to display the amount including tax.
- **TAX- (Subtract Tax):** Enter the amount including tax, then press **TAX-** to display the original amount before tax.

3.5 Percentage Calculations

Use the **%** button for percentage calculations, including profit margin calculations.

- **Example (Simple Percentage):** To calculate 15% of 200: Enter 200 **x** 15 **%**.
- **Example (Add Percentage):** To add 15% to 200: Enter 200 **+** 15 **%**.

3.6 Currency Conversion

The calculator supports currency conversion, specifically between a local currency and the Euro. First, set the Euro exchange rate:

1. Press **SET**.
2. Enter the exchange rate (e.g., 1.25 if 1 Euro = 1.25 Local units).
3. Press **RATE**. The exchange rate is now stored.

To perform currency conversions:

- **Local to Euro:** Enter the amount in Local currency, then press **Euro**.
- **Euro to Local:** Enter the amount in Euro, then press **Local**.

4. MAINTENANCE

4.1 Cleaning

To clean the calculator, wipe it with a soft, dry cloth. Do not use abrasive cleaners, solvents, or wet cloths, as these can damage the casing or internal components.

4.2 Battery Replacement

When the display becomes dim or unresponsive, replace the LR44 battery. To replace the battery:

1. Turn the calculator over.
2. Locate the battery compartment cover.
3. Use a small screwdriver to open the compartment.
4. Remove the old LR44 battery and insert a new one, ensuring correct polarity (+/-).
5. Securely close the battery compartment cover.

4.3 Storage

Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures. Avoid placing heavy objects on top of the calculator.

5. TROUBLESHOOTING

- **Blank or Dim Display:**
  - Ensure the solar panel is exposed to sufficient light.
  - Replace the LR44 battery if it is depleted.

- **Incorrect Calculation Results:**
  - Press **AC** to clear all previous calculations and memory.
  - Double-check your input values and operation sequence.

- **Buttons Not Responding:**
  - Press **AC** to reset the calculator.
  - If the issue persists, try replacing the battery.

6. SPECIFICATIONS

Model:	SL-320TER+-S
Display:	12 Digits, LCD
Power Source:	Two-way power (Solar cell and 1 x LR44 battery)
Battery Type:	LR44 (included)
Dimensions (Approx.):	Height: 12 cm (4.8 in) - *Compact pocket size*
Weight:	100 grams (0.1 Kilograms)

Material:	Plastic
Features:	Tax calculations, Currency conversion, Independent memory, Profit margin %, Automatic shutdown

Figure 2: Size comparison of the Casio SL-320TER calculator, highlighting its compact design with a height of approximately 12 cm.

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Casio website. Keep your proof of purchase for any warranty claims.