Canon HS-20TSC

Canon HS-20TSC Standard Function Calculator User Manual

Model: HS-20TSC

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Canon HS-20TSC Standard Function Calculator. Please read this manual thoroughly before using the calculator to ensure correct operation and to maximize its lifespan. Keep this manual in a safe place for future reference.

Figure 1: Front view of the Canon HS-20TSC Standard Function Calculator, showing the 12-digit LCD display and key layout.

SETUP

Power Source

The Canon HS-20TSC calculator operates using both solar power and a replaceable battery. For optimal performance, ensure the solar panel is exposed to sufficient light. The calculator requires one alkaline battery for backup power, which is not included in the package.

Battery Installation

1. Locate the battery compartment cover on the back of the calculator.

2. Using a small screwdriver, carefully remove the screw securing the battery compartment cover.

3. Remove the cover.

4. Insert one new alkaline battery, ensuring the positive (+) and negative (-) terminals are correctly aligned as

indicated inside the compartment.

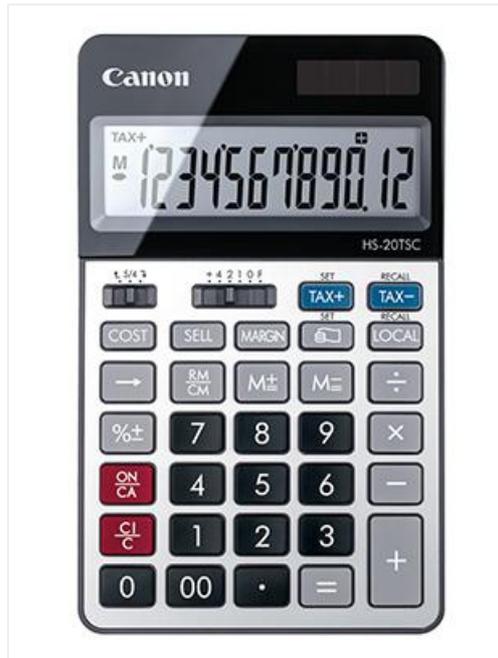5. Replace the battery compartment cover and secure it with the screw.

Figure 2: Back view of the Canon HS-20TSC, illustrating the location of the battery compartment.

OPERATING INSTRUCTIONS

Basic Calculations

- **Addition (+):** Enter the first number, press **+**, enter the second number, press **=**.
- **Subtraction (-):** Enter the first number, press **-**, enter the second number, press **=**.
- **Multiplication (x):** Enter the first number, press **x**, enter the second number, press **=**.
- **Division (÷):** Enter the first number, press **÷**, enter the second number, press **=**.
- **Percentage (%):** Enter a number, press **%** to calculate percentage. For example, to calculate 10% of 200: 200 **x** 10 **%**.
- **Clear Entry (CE/C):** Press **CE/C** once to clear the last entry. Press twice to clear all entries and reset the calculator.
- **On/All Clear (ON/CA):** Press **ON/CA** to turn on the calculator or clear all calculations and memory.

Memory Functions

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

Special Functions

- **Tax Function (TAX+, TAX-):**
  - **Setting Tax Rate:** Press **SET**, then enter the tax rate (e.g., 5 for 5%), then press **TAX+**.
  - **Adding Tax:** Enter the amount, press **TAX+**.
  - **Subtracting Tax:** Enter the amount including tax, press **TAX-**.

- **Currency Conversion (LOCAL, RECALL):**
  - **Setting Conversion Rate:** Press **SET**, then enter the conversion rate, then press **LOCAL**.
  - **Converting:** Enter the amount in the original currency, press **LOCAL** to convert to the set currency, or

press **RECALL LOCAL** to convert back.

- **Business Calculation (COST, SELL, MARGIN):**
  - Enter two of the three values (Cost, Selling Price, Margin) and press the third key to calculate it. For example, enter Cost, enter Sell, then press **MARGIN** to calculate the margin.

Decimal Point and Rounding Selector

The calculator features a slide switch for selecting the decimal point setting and rounding mode. This switch is typically located above the number pad.

- **Decimal Point Selector (F, 4, 2, 1, 0):** Sets the number of decimal places for the result. 'F' indicates a floating decimal point.
- **Rounding Selector (↑, 5/4, ↓):**
  - **↑ (Up):** Rounds up.
  - **5/4 (Cut/Round Off):** Rounds off at 0.5 and above.
  - **↓ (Down):** Rounds down.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the calculator's exterior. For stubborn dirt, lightly dampen the cloth with water and a mild detergent, then wipe dry immediately. Avoid using abrasive cleaners, solvents, or alcohol, as these can damage the surface.
- **Storage:** When not in use for extended periods, store the calculator in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace the battery when the display becomes dim or erratic, even in sufficient light. Refer to the "Battery Installation" section for instructions. Dispose of used batteries according to local regulations.
- **Avoid Impact:** Protect the calculator from drops and impacts, which can damage internal components or the display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Insufficient light for solar power, or battery is low/depleted.	Move the calculator to a brighter area. Replace the battery if necessary.
Incorrect calculation results.	Incorrect input, incorrect decimal/rounding settings, or memory not cleared.	Press **ON/CA** to clear all. Check decimal and rounding switch settings. Re-enter calculation carefully.
Keys are unresponsive.	Calculator may be frozen or battery is extremely low.	Press **ON/CA**. If unresponsive, remove and reinsert the battery.

SPECIFICATIONS

- **Model:** HS-20TSC
- **Display:** 12-digit LCD
- **Power Source:** Solar and Battery (Alkaline, not included)
- **Dimensions (L x W x H):** 7.09 x 1.02 x 0.1 cm
- **Weight:** Approximately 158.76 g

- **Material:** Plastic
- **Functions:** Basic arithmetic, Percentage, Memory, Tax calculation, Currency conversion, Business calculation (Cost/Sell/Margin), Decimal point selector, Rounding selector.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Canon website or contact Canon customer service in your region. The specific terms and conditions of the warranty may vary by country or region.
You can find contact information and support resources on the official Canon website: www.canon.ca