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CASIO®

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**OPERATION MANUAL
BEDIENUNGSANLEITUNG
MODE D'EMPLOI**

CASIO LC-100

**MANUAL DE OPERACION
MANUALE D'ISTRUZIONI**



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Dear customer,

Thank you very much for purchasing our electronic calculator. To utilize its full features please read through this booklet.

To ensure its longevity, do not touch the inside of the calculator, avoid hard knocks and unduly strong key pressing. Extreme cold (below 32°F or 0°C), heat (above 104°F or 40°C) and humidity may also affect the functions of the calculator. Never use volatile fluid such as lacquer thinner, benzine, etc. when cleaning the unit. For servicing contact the original store or nearby dealer.

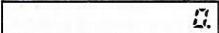
* For operational examples, refer to page 53.

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1/NOMENCLATURE

POWER  ON **Power switch:**

Move the switch to the right to activate the calculator.

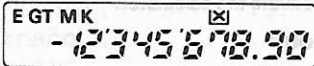
 **Read-out:**

Shows each entry and result through a liquid crystal display, suppressing unnecessary 0's (zeros).


- * Automatic comma markers mark off the integer part of a number in groups of three from the decimal place.
- * When any of the 4 basic calculations are performed, a respective function command sign (\pm , \mp , \otimes or \boxminus) appears.
- * When a number is stored in the independent memory, the "M" sign appears.
- * When a number is stored in the GT memory (automatic accumulation memory) by the \boxminus key, the "GT" sign appears.


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- * When a number is set as a constant in constant calculations, the "K" sign appears.
- * When overflow occurs, the "E" sign appears.


Example: 

Auto power-off

If the calculator is left with the power switch at the ON position, the auto power-off function automatically turns off the power in approximately 6 minutes, thereby saving battery life. Power is resumed either by pressing the  key or by re-operating the ON-OFF switch.

When the power is resumed by the  key, contents of the *independent memory* are protected. However, when it is resumed by re-operating the ON-OFF switch the contents will be cleared. (Contents of the GT memory will be cleared in both cases.)

- , **Numerical and decimal point keys:**

Enter numerals. For decimal places, use the  key in its logical sequence.

, , , **Function command keys:**

Perform the four basic calculations.

An incorrect function command ( ,  ,  or ) is automatically cleared by pressing a correct function command key.

Equal/automatic accumulation key:

Obtains answer and also automatically accumulates it into the GT memory.

Grand total key:

Recalls the contents of the GT memory without clearing.

() **Memory plus (minus) key:**

Transfers the displayed number to the independent memory positively (negatively). Obtains answer in four basic calculations and automatically accumulates it into the independent memory positively (negatively).

Memory recall/memory clear key:

Recalls the contents of the independent memory, and clears it when pressed twice successively.

% Percent key:

Performs percentage calculations.

C Clear key:

Clears entry for correction; also releases overflow or error check.

When pressed after a function command key, it clears the entire machine except the GT and independent memories.

AC ON All clear key:

Clears the entire machine except the *independent memory*; also releases overflow or error check.

The **AC** key overrides the auto power-off function.

2/BATTERY MAINTENANCE

Two alkaline-manganese batteries (LR1130) give approximately 210 hours continuous operation (approx. 920 hours on type SR1130 (G-10) silver oxide batteries). When battery power decreases, the whole display darkens. Batteries should then be renewed. Be sure to switch OFF the power before changing.

Replacement of batteries:

- 1) Open the back panel of the unit by loosening the screw with a \oplus screwdriver. Open the battery cover by loosening the screw with a \oplus screwdriver.

Never touch the inside of the unit except the battery compartment.

- 2) Remove dead batteries.
 - 3) Insert new batteries with the plus terminal (flat side) on top.
 - 4) Replace the battery cover and back panel. Screw carefully.
- * Before inserting new batteries, be sure to thoroughly wipe them off with a dry cloth to maintain good contacts.
 - * Be sure to replace both batteries.

- * Do not leave dead batteries in the battery compartment as they may cause malfunctions.
- * Remove the batteries when not using for an extended period.
- * It is recommended that batteries be replaced every 18 months to prevent the chance of malfunctions due to battery leakage.

3/OVERFLOW

Overflow is indicated by the "E" sign and stops further calculation.

Overflow occurs:

- When the integer part of an answer, whether intermediate or final, exceeds 10 digits. However, the significant 10 digits of the answer are given and the decimal point indicates that the true decimal position is 10 digits to the right.
- When the integer part of an accumulated total in the GT or independent memory exceeds 10 digits.

To release the overflow check, press the **AC** or **C** key.

AC clears the entire machine except the *independent memory*.

C clears only the "E" sign and the displayed approximate number can be utilized in subsequent calculations.

EXAMPLE	OPERATION	READ-OUT
1234567890 × 10000 = 12345678900000	1234567890 \times 10000 \Rightarrow	^E 1'234.567890
		Answer reads: 12345678900000
	AC	0.
	1234567890 \times 10000 \Rightarrow	^E 1'234.567890
	C	1'234.567890
	\times 10 \Rightarrow	^{GT} 12'345.6789

Memory protection:

The contents of the memories are protected against overflow.

EXAMPLE	OPERATION	READ-OUT
9999999999 + 1 = 10000000000	MRC MRC 9999999999 M+	M 9'999'999'999.
	1 M+	E M 0.
	AC	M 0.
	MRC	M 9'999'999'999.
	AC 9999999999 =	GT 9'999'999'999.
	1 =	E GT 0.
	C	GT 0.
	GT	GT 9'999'999'999.

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4/SPECIFICATIONS

Abilities:

Four basic calculations, constants for $+/-/\times/\div$, memory calculations, percentage calculations and various kinds of practical calculations.

Capacity: 10 digits

Read-out: Liquid crystal display, suppressing unnecessary 0's (zeros).

Decimal point system: Full floating.

Negative number: Indicated by a floating minus (-) sign.

Overflow check: Indicated by an "E" sign, locking the calculator.

Main component: One chip C-MOS-LSI

Power consumption: 0.00036W

Power source:

Two alkaline-manganese batteries (Type: LR1130).

Two silver oxide batteries (Type: SR1130 (G-10), UCC389, 10L122 or RW-49).

The calculator gives approximately 210 hours continuous operation on type LR1130 (approx. 920 hours on type SR1130 (G-10)).

Ambient temperature range: 0°C—40°C (32°F—104°F)

Dimensions: 5mmH × 91mmW × 59mmD (3/16"H × 3-5/8"W × 2-1/4"D)

Weight: 48g (1.7oz) including batteries.

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