

User’s Manual

Safety Precautions

Be sure to read the following safety precautions before using this calculator. Keep this manual handy for later reference.

Caution This symbol is used to indicate information that can result in personal injury or material damage if ignored.
Batteries <ul style="list-style-type: none">● After removing the battery from the calculator , put it in a safe place where it will not get into the hands of small children and accidentally swallowed .● Keep batteries out of the reach of small children. If accidentally swallowed, consult with a physician immediately.● Never charge batteries, try to take batteries apart, or allow batteries to become shorted. Never expose batteries to direct heat or dispose of them by incineration.● Misuse of batteries can cause them to leak and damage nearby items, and can create the risk of fire and personal injury.● Always make sure that the battery’s positive \oplus and negative \ominus ends are facing correctly when you load it into the calculator.● Remove the battery if you do not plan to use the calculator for a long time.● Use only the type of battery specified for this calculator in this manual.
Disposing of the Calculator <ul style="list-style-type: none">● Never dispose of the calculator by burning it. Doing so can cause certain components to suddenly burst, creating the risk of fire and personal injury.

- The displays and illustrations (such as key markings) shown in this User’s Guide are for illustrative purposes only, and may differ somewhat from the actual items they represent.
- The contents of this manual are subject to change without notice.

Handling Precautions

- **Be sure to press the key before using the calculator for the first time.**
- **Even if the calculator is operating normally, replace the battery at least once every three years.**

A dead battery can leak, causing damage to and malfunction of the calculator. Never leave dead battery in the calculator.

- **The battery that comes with this unit discharges slightly during shipment and storage. Because of this, it may require replacement sooner than the normal expected battery life.**

- **Low battery power can cause memory contents to become corrupted or lost completely. Always keep written records of all important data.**
- **Avoid use and storage in areas subjected to temperature extremes.**

Very low temperatures can cause slow display response, total failure of the display, and shortening of battery life. Also avoid leaving the calculator in direct sunlight, near a window, near a heater or anywhere else it might be exposed to very high temperatures. Heat can cause discoloration or deformation of the calculator’s case, and damage to internal circuitry.

- **Avoid use and storage in areas subjected to large amounts of humidity and dust.**

Take care never to leave the calculator where it might be splashed by water or exposed to large amounts of humidity or dust. Such can damage internal circuitry.

- **Never drop the calculator or otherwise subject it to strong impact.**
- **Never twist or bend the calculator.**

Avoid carrying the calculator in the pocket of your trousers or other tight-fitting clothing where it might be subjected to twisting or bending.

- **Never try to take the calculator apart.**
- **Never press the keys of the calculator with a ballpoint pen or other pointed object.**
- **Use a soft, dry cloth to clean the exterior of the calculator.**

If the calculator becomes very dirty, wipe it off with a cloth moistened in a weak solution of water and a mild neutral household detergent. Wring out all excess moisture before wiping the calculator. Never use thinner, benzene or other volatile agents to clean the calculator. Doing so can remove printed markings and can damage the case.

Two-line Display

The two-line display makes it possible to view both the calculation formula and its result at the same time.

- The upper line shows the calculation formula.
- The lower line shows the result.

A separator symbol of the mantissa has more than three digits.

Before getting started...

■ Modes

Before starting a calculation, you must first enter the correct mode as indicated in the table below.

To perform this type of :	Perform this key operation:	To enter this mode:
Basic arithmetic calculations	$\overline{\text{MODE}}$ 1	COMP
Standard deviation	$\overline{\text{MODE}}$ 2	SD
Regression calculations	$\overline{\text{MODE}}$ 3	REG

- Press the key more than displays additional setup screens. Setup screens are described they are actually used to change the calculator setup.

- In this manual, the name of the mode you need to enter in order to perform the calculations being described is indicated in the main title of each section.



- To return the calculation mode and setup to the initial defaults

shown below, press $\overline{\text{CLR}}$ 2 (Mode) $\overline{=}$.

Calculation Mode : COMP
Angle Unit : Deg
Exponential Display Format : Norm 1
Fraction Display Format : $a\frac{b}{c}$
Decimal Point Character : Dot

- Mode indicators appear in the upper part of the display.
- Be sure to check the current calculation mode (SD, REG, COMP) and angle unit setting (Deg, Rad, Gra) before beginning a calculation.

Input Capacity

- The memory area used for calculation input can hold 79 “steps”. One step is taken up each time you press a number key or arithmetic operator key (or $\overline{\text{ALPHA}}$ key operation does not take up a step, so inputting $\overline{\text{F}}$, for example, takes up only one step.

- You can input up to 79 steps for a single calculation. Whenever you input the 73rd step for any calculation, the cursor changes from “(–)” to “■” to let you know memory is running low. If you need to input more than 79 steps, you should divide your calculation into two or more parts.

- Pressing the $\overline{\text{Ans}}$ key recalls the last result obtained, which you can use in a subsequent calculation. See “Answer Memory” for more information about using the $\overline{\text{Ans}}$ key.

Making Corrections During Input

- Use and to move the cursor to the location you want.
- Press to delete the number or function at the current cursor position.
- Press INS to change to an insert cursor



