

Texas Instruments

# TI-74 BASICALC™

An advanced scientific calculator that is BASIC programmable.





# TI-74 BASICALC™ Powerful. Flexible. Friendly. Economical.

The TI-74 BASICALC™ calculator gives you more programmable problem-solving power than any other calculator at a comparable price.

It's both an advanced scientific calculator—with 70 functions—and a BASIC programmable calculator—with 113 commands. A potent and accommodating combination.

It's "user-friendly" because you program it in simple, straightforward BASIC language (anyone with a fundamental knowledge of BASIC can use it) . . . and the AOST™ algebraic operating system lets you enter problems just as they are normally written, left to right.

The TI-74's capacity is considerable: 8K bytes of built-in RAM, and another 8K available in an optional plug-in cartridge. Both have Constant Memory™, a feature that retains your data even when the calculator is switched off.

A typewriter-style elastomeric keyboard lets you "feel" each keystroke and helps prevent missed or double entries. The display shows up to 31 large alphanumeric characters (scrolls left or right to 80) and 14 status indicators.

All of this in a truly portable battery-powered package just 4.2 × 8.3 × 1.3 inches.

The TI-74 comes with a user's guide and a BASIC programming reference guide.

Optional accessories include a 24-column, battery-operated thermal printer (PC-324), a Constant Memory™ 8K RAM cartridge that retains data even when removed from the TI-74, and an interface cable that lets you use a standard audio cassette recorder for additional data storage.

Currently available software cartridges include: *Learn Pascal*—lets you use this highly structured, powerful programming language.

*Statistics*—includes such functions as analyses of variance, binomial distributions, means and moments. *Mathematics*—gives you quick solutions to otherwise time-consuming, complex calculations involving polynomial multiplication, matrices, and more.

## Specifications

Display: 31-character alphanumeric LCD.

Size: 8.3 × 4.2 × 1.3 inches

Weight: 12 ounces

Power: 4 × "AAA" alkaline batteries (not included).

## Special features:

- More programmable problem-solving power than any other calculator at a comparable price.
- It's both an advanced scientific calculator, with 70 functions—and a BASIC programmable calculator, 113 commands.
- Programs in simple, straightforward BASIC language—anyone with a fundamental knowledge of BASIC can use it.
- AOST™ algebraic operating system lets you enter problems just as they are normally written, left to right.
- 8K bytes of built-in RAM, with another 8K available in an optional plug-in cartridge.
- Typewriter-style elastomeric keyboard lets you "feel" each keystroke and helps prevent missed or double entries.
- Display shows up to 31 large alphanumeric characters (scrolls left or right to 80) and 14 status indicators. Adjustable contrast.
- Truly portable—battery-powered and just 4.2 × 8.3 × 1.3 inches.
- Comes with a user's guide and a BASIC programming reference guide.
- Optional 24-column, battery-operated thermal printer, PC-324, gives you hard copies of calculations, programs.
- Optional plug-in 8K RAM cartridge.
- Optional CI-7 cassette interface cable lets you use a standard audio recorder for data storage.
- *Learn Pascal* software cartridge—lets you use this highly structured, powerful programming language.
- *Statistics* software cartridge—includes such functions as analyses of variance, binomial distributions, means and moments.

- *Mathematics* software cartridge—gives you quick solutions to otherwise time-consuming, complex calculations involving polynomial multiplication, matrices, and more.
- Scientific functions include common and natural logarithms and antilogarithms, reciprocals, powers, roots, factorials, and trigonometric calculations, including inverses, in degrees, radians or grads.
- Floating decimal or scientific notation.
- Constant Memory™ feature retains RAM data even when the calculator is switched off or the 8K RAM cartridge is removed. Also retains data in the 10 memories available in calculator mode.

- APD™ feature automatically "powers down" the calculator (and the optional PC-324 printer) if you forget—and saves batteries.

## Limited Warranty

The TI-74 BASICALC™ calculator is covered by a one-year limited warranty against defects in materials and workmanship. The full text of this warranty is published in the user's guide accompanying the TI-74.

Texas Instruments reserves the right to make changes in the materials and specifications without notice.





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INSTRUMENTS**

Creating useful products  
and services for you.