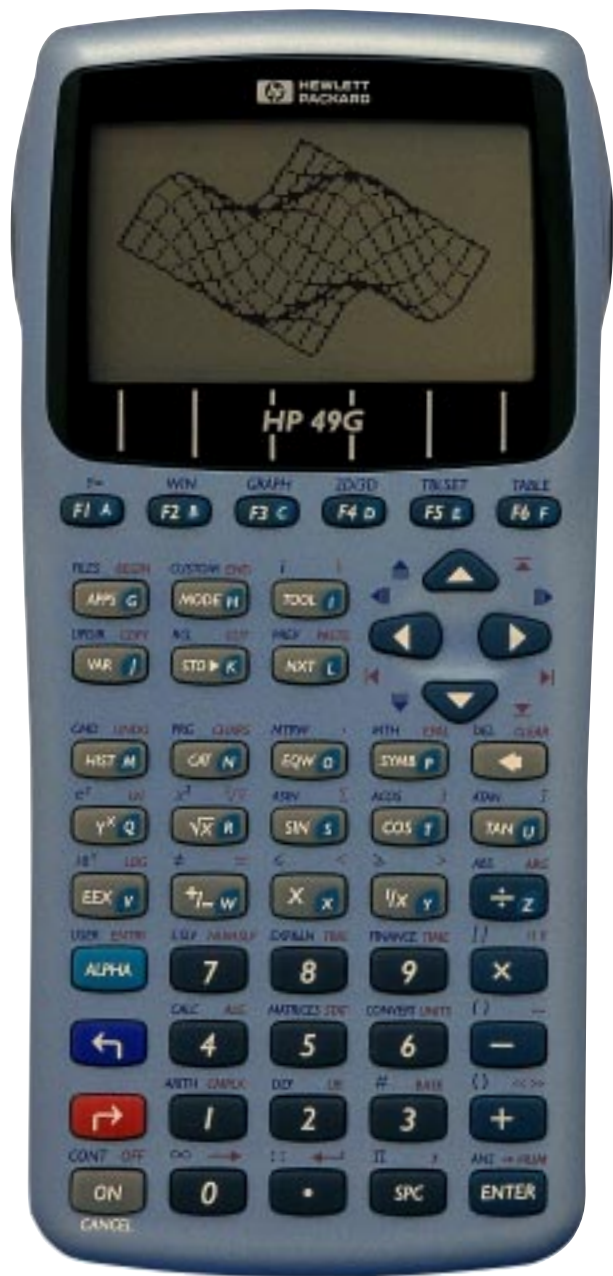


# HP49G



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PACKARD**  
Expanding Possibilities

For those who want more than just the right answer

# HP49G

# HP 49G

Graphing Calculator

For those who want more than just the right answer.

## Product Description:

- The HP 49G is a Scientific Programmable Graphing Calculator for math, science and engineering students and professionals

## Memory Configuration:

- Large Memory Capacity - 1.5MB of User Memory (512KB RAM and 1MB Flash ROM for data storage)
- Flash technology that enables future electronic software upgrades

## Special Design Features:

- Leading-edge design - Smooth edges, soft curves, and a sleek, sturdy design, makes the HP 49G ideal for either hand-held or desktop use
- The HP 49G comes in an appealing, light metallic blue with a matching translucent blue slide-on cover

## Special Operating Features:

- See more on the big screen! - Choose to input and view equations and expressions on the big screen in textbook mode, just as they appear in textbooks or on the blackboard. For more complex equations and expressions, you can minimize scrolling by selecting from four built in fonts
- Customize your inputs and outputs - Choose from three input modes according to your preference: familiar textbook, traditional algebraic or efficient RPN, and two default-screen history display modes: textbook or algebraic
- Fast, flexible and intelligent editor - More than just passive editing, you can isolate, manipulate and evaluate sub-expressions as well as cut, paste and copy objects. Parenthesis and syntax are automatically inserted for faster entry

## Special Math Features:

- Dynamic algebra and calculus - With an advanced built-in Computer Algebra System (CAS), the HP 49G boasts truly dynamic symbolic manipulation and solving. Working with complex equations or expressions? The HP 49G will automatically prompt you to switch to complex mode.
- Interested in learning how to get the right answer? - Then choose the step-by-step mode for dynamic calculus and linear algebra problem solving. All steps and results are displayed in textbook mode for easy viewing and understanding. After all, in a test or exam, the answer is only part of the solution
- Algebra features include - factorization, expansion, substitution, system of linear equations, linear algebra & matrices (Gaussian-Jordan row reduction, eigenvalues & eigenvectors, diagonalization, decomposition, symbolic matrices)
- Calculus features include - limits, derivation, integration, differential equations, Taylor polynomials
- Trigonometry (trig & hyperbolic functions, degrees, radians)
- Lists & Sequences
- Exponential & Logarithmic functions

## Special Statistical Features:

- Descriptive Statistics (lists, single variable, frequencies, regression, summary statistics) - Sample data input, editing, plotting and viewing has never been easier with new create a table, and table setting options
- Use sample data descriptions to make inferences - make and measure inferences about the population of interest with hypothesis tests and confidence intervals

## Special Science & Engineering Features:

- Library of 127 units-of-measure
- Unit conversions
- Library of 40 physical constants

## Special Graphing Features:

- Expand your plotting possibilities - 15 plot types including function, parametric, polar, conic, differential, wireframe & statistical plots
- Real-time rotation
- Function analysis - root, extrema, slope, area, intersection
- 2D/3D Plotting with tracing and zooming

## Physical Specifications:

- Crystal clear high contrast 131 x 64 pixel display
- Dimensions (LxWxD): 7.4 x 3.5 x 1.1 inches (18.7 x 8.9 x 2.8cm)
- Weight (with batteries): 9oz (264g)

## Accessories:

- HP PC/Mac Connectivity Kits (F1897A/F1898A)
- Overhead Display Unit (HP F1212A)
- Portable DataLab (Firmware Systems Inc.)

## In the Box:

- A HP 49G Graphing Calculator with a slide-on cover (F1633A)
- 3 x AAA batteries
- A unit-to-unit link cable with adapter that allows communication with a HP 49G or any of the HP 48G series models
- A User Guide
- A Quick Reference Pocket Guide
- A User Registration Card

## Special Customization Features:

- Object based programming for creating applications quickly and easily
- Supports RPL, Assembly and HP Basic programming languages

## Subject Suitability:

- Algebra
- Calculus (including AP Calculus)
- Descriptive & Inferential Statistics (including AP Statistics)
- Engineering
- Geometry
- Physics
- Pre-Calculus
- Science
- Trigonometry

## Test Suitability:

- Permitted for use on College Board® Tests: AP®, SAT® and PSAT/NMSQT (®College Board, AP and SAT are registered trademarks of the College Entrance Examination Board)

Visit our Web site at [www.hp.com/calculators](http://www.hp.com/calculators)

For dealer referrals in the U.S call 1-800-752-0900

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P/N F1633A



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