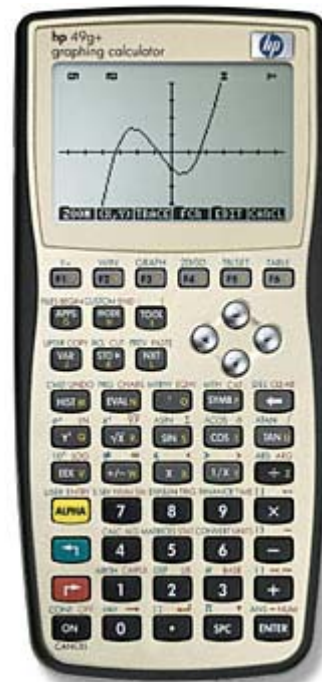


HP 49G+ scientific calculator

HP's most advanced graphing calculator provides the ultimate power and flexibility for math, science and engineering professionals and college students.

- 2.5 MB of total memory - 512KB of RAM and 2MB of flash ROM
330KB RAM and 800KB flash ROM available to the user
- 75 MHz ARM9 processor
- Includes USB cable and PC connectivity software
- Includes leather carry pouch (quite a nice one, actually)
- Large screen - high-contrast, 131 x 80 pixels
- SD card memory expansion slot
- Flash Memory - allows for future upgrades via USB



Operating Features

- Entry Logic : Algebraic / RPN / Textbook
- Menus, Prompts
- Alpha Messages
- Numeric precision -intermediate/internal: 15
internal/12 display/infinite precision for integers
- Displayed numerical precision: 12 digits, exponent:
-499 to +499
- Internal numerical precision (intermediate): 15
digit, exponent: -49999 to +49999
- Expansion port: SD card

Configuration

- Flash ROM allows for future electronic software
upgrades***
- RAM 512KB (330KB user) + 2MB flash ROM
(800KB user)
- Re-definable menu keys
- Re-definable keyboard (user mode)
- Peripherals
- Supports Libraries/RPL programs

Vector Operations

- Rectangular/Polar
- Matrix operations: Includes symbolic matrices
- Matrix editor

Graphing Features

- 2-D Function, Polar, Parametric Plot
- 3-D, Differential Equation, Bar Plot
- Histogram, Scatter Plot
- Find: Intersect, Extremum, Slope, Area
- Zoom, Trace, Co-ordinates, Shade

Math Features

- +, -, x, ÷, √, 1/x, +/-, In, e^x, ^x√y
- y^x, LOG, 10^x, x², %, π, n!
- Fractions
- Degrees, radians, or grads mode
- Trigonometric functions/inverses
- Hyperbolics/inverses
- HP Solve application (root finder)
- Numeric Integration
- Symbolic Integration
- Numeric differentiation
- Symbolic differentiation
- Complex number of functions
- Polynomial root finder, Taylor series
- Absolute value, round
- Integer, & fractional part of a number
- Modulo function, floor, ceiling
- CAS system

Scientific features

- Decimal hrs/
hrs min sec
conversions
- Polar/rectangular
conversions
- Angle conversions
- Base conversions and arithmetic
- Unit conversions
- Bit, Boolean graphics
- Display and printer graphics
- Built-in equation library

Statistical Features

- Σx , Σx^2 , Σy , Σy^2 , Σxy
- Sample standard deviation, mean
- Population standard deviation
- Linear regression
- Combinations, permutations
- Weighted mean
- Edit, save, name, list
- Curve fit (LIN, LOG, EXP, POW)
- Plot statistical data
- Hypothesis tests
- Confidence intervals

Programming features

- Root finder: HP Solve
- Number of steps/regs or bytes: 1.13 MB
- Number of Programs/formulae: ++
- Levels of subroutines: ++
- Branching
- Flags: 256
- Alpha prompts in programs
- Input forms, alpha string manipulation
- Indirect addressing
- Index looping

Electrical

- CPU: 75Mhz ARM9
- Display Size: 131 x 80 pixels
- Memory: RAM 512KB (330KB available to user),
2MB flash ROM (800KB available to user)
- IR Port : IrDA
- Serial port: USB
- Expansion port: SD card
- Power Supply: AAA x 3 + CR2032
- Auto power OFF: approximately 5 minutes

Dimensions

- Size: 18.4 x 8.7 x 2.35 cm
- Unit weight: 220 gr

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