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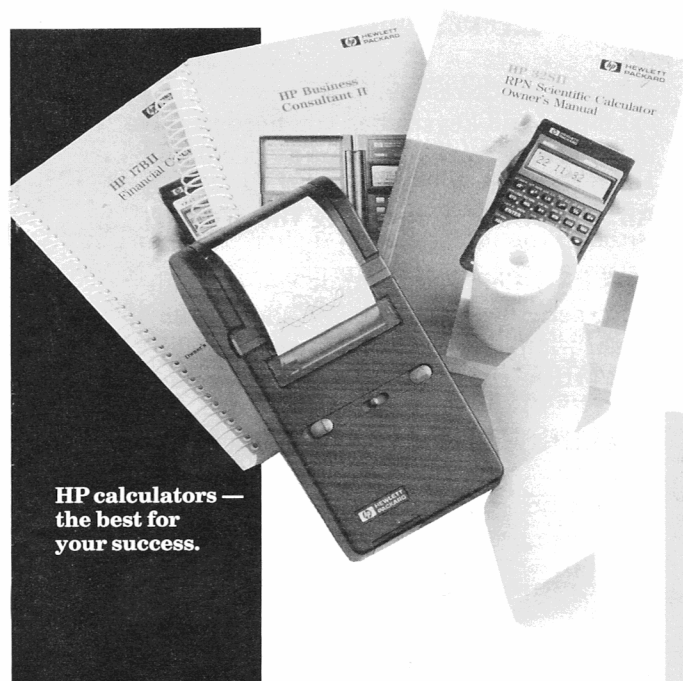
Note: Product availability and technical
information subject to change without
notice.

Not available for reorder.

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5090-4564



Accessories and Applications for Hewlett-Packard Calculators*



**HP calculators —
the best for
your success.**

* HP 48 accessories
are in a separate
brochure.

Congratulations!

The Hewlett-Packard calculator you've just purchased will serve you faithfully for many years. And because it's from HP, you can be assured that you now have the best calculator available to help you succeed.

To enhance what your calculator can do for you, we offer the HP Infrared Printer, printing accessories, and a variety of instruction books.

HP Infrared Printer and Printing Accessories

HP 82240B HP Infrared Printer

Works with the HP 17B, HP 17BII, HP Business Consultant II (HP 19B and HP 19BII), HP 27S, HP 28S, HP 42S, and HP 41CV/CX (requires HP 82242A Infrared Printer Interface Module).



This battery-powered infrared printer is a revolutionary companion for your new calculator. Because it operates with an invisible infrared beam, no cord is necessary to connect it to the calculator. Simply aim your calculator at the printer (from up to 18 inches away), send print instructions, and you get a neat, clean copy of your calculations. And this improved version offers easier-to-read output and automatic shutoff for extended battery life.

Just four AA alkaline batteries give the infrared printer go-anywhere portability. Or to extend battery life, use the optional ac adapter.

AC Adapters for the HP 82240A/B Infrared Printers

HP 82241A - U.S. and Canada 110 V, 50-60 Hz

HP 82241AB - Europe 220 V, 50 Hz

HP 82241AG - Australia 240 V, 50 Hz

HP 82241AJ - Japan 100 V, 50 Hz

HP 82241AU - United Kingdom 240 V, 50 Hz

Thermal Paper for the HP 82240A/B Infrared Printers

HP 82175A - 6 rolls - Black

Elegant Leather Cases

HP Infrared Printer Cases for the HP 82240A/B

HP 92169G - Black

HP 92169H - Brown

HP 92169J - Burgundy

HP Calculator Cases for the HP Business Consultant II and HP 28S

HP 92169D - Black

HP 92169E - Brown

HP 92169F - Burgundy

HP Calculator Cases for the HP 10B, HP 14B, HP 17B, HP 17BII, HP 20S, HP 21S, HP 22S, HP 27S, HP 32S, HP 32SII, and HP 42S

HP 92169K - Black

HP 92169L - Brown

HP 92169M - Burgundy

HP 82243A - Replacement Vinyl Case

HP 12C Cases and Stand

HP 82174A - Replacement Vinyl Case

HP 92169B - HP 12C Leather Case

HP 92177S - HP 12C Desktop Calculator Stand (smoked acrylic)

HP Owner's Manuals

Each HP calculator comes with the appropriate owner's manual. Manuals may also be ordered separately. In addition, manuals for HP calculators are also available in a variety of languages. Contact your HP retailer for more information. In the U.S., if you are unable to locate replacement manuals, you may order by calling HP Direct toll-free (800) 538 8787. MasterCard, Visa, and American Express cards are welcome.

HP 12C Handbooks

These books contain keystroke procedures for specific applications.

HP 12C Solutions

00012-90009

Real estate, savings, securities, statistics, personal finance, lending, investment analysis, forecasting, pricing, Canadian mortgages.

HP 12C Real Estate

00012-90015

Real estate financing analysis, appraisal applications, investment analysis, differential cash flow analysis, financial management rate of return.

HP 12C Leasing Applications

00012-90021

Lease vs buy analysis, structuring lease payments, yield analysis.

HP 12C Training Guide

00012-90022

A self-paced tutorial from HP. Numerous examples, tests with answers, summaries, and reviews are included to guide you.

HP Step-by-Step Solution Books

These profession-specific books offer a variety of examples and keystroke procedures to help set up your calculations the way you need them.

Books for the HP Business Consultant II, HP 17B, HP 17BII, or HP 27S

Real Estate, Banking, and Leasing

00017-90019

- Real estate, banking, and leasing calculations.
 - Annual percentage rate of loan with fees.
 - Discounted, adjustable-rate, and biweekly mortgages.
 - Custom menus for graduated payment and wrap-around mortgages.
 - Monthly payments and mortgage insurance estimates.
 - Rule of 78s, add-on loans, constant payment loans, loans with an odd first period, and leases with multiple payments in advance.
 - Saving plans evaluation methods.
-

Business Finance and Accounting

00017-90020

- Break-even point, profits, and standard business ratios.
 - Payback period, net present value, and internal rate of return.
 - Variances, other cost-accounting variables, and financial statement analyses.
 - Sample size for inventory audit.
-

Marketing and Sales

00017-90021

- Sales forecasting using moving averages, exponential growth curves, and linear regression.
 - Price, markup, and profit.
 - New product profit analysis.
 - Elasticity of demand.
 - "Quote maker" for accurate quotes on the spot.
 - Custom menu for calculating sales commission.
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Personal Investment and Tax Planning

00017-90022

- Savings and IRA plan evaluation.
 - IRA funds distributed prematurely.
 - Basic mortgage components and the annual percentage rate of a loan.
 - Investment alternatives of life insurance, treasury bills, bonds, stocks, and mutual funds.
 - Beta calculation of a portfolio, stock price volatility, target gains, call options hedging, and margin account gain or loss.
 - Adjusted gross income, taxable income, and taxes due.
 - Tax and inflation break-even point.
-

Technical Applications for the HP Business Consultant II or HP 27S

00027-90044

- Two new HP Solve application functions for advanced equations.
 - Numeric integration and differentiation.
 - Complex number functions and vector operations.
 - Greatest common divisors and least common multiples.
 - Geometry functions, series expansions, matrix operations, factors and primes, and coordinate transformations.
-

Books for the HP 28S

Mathematical Applications

00028-90111

- Area, sides, and angles of any plane triangle.
 - Synthetic division on polynomials of arbitrary order.
 - Roots of a 1st, 2nd, 3rd, and 4th degree polynomial, with real or complex coefficients.
 - First- and second-order differential equations by the fourth-order Runge-Kutta method.
 - Coordinate conversion of 2- or 3-dimensional vectors between two coordinate systems.
 - Fit statistical data points to four common curves and plot data.
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Books for the HP 28S and HP 28C

Algebra and College Math

00028-90101

- Polynomial long division, function evaluation, simultaneous linear equations, quadratic equations, logarithms, polynomial equations, matrix determinants, and infinite series.
 - Analytic geometry problems that involve rectangular and polar coordinates, straight lines, circles, parabolas, ellipses, hyperbolas, and parametric equations.
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Calculus

00028-90102

- Function operations: definition, composition, analysis, angles between lines, and angles between a line and a function.
 - Differential calculus: function minimization, computing tangent lines, and implicit differentiation.
 - Symbolic and numerical solutions for integral calculus problems: polynomial integration, area between curves (double integration), arc length of a function, surface area, and volume of a solid of revolution.
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Probability and Statistics

00028-90104

- Statistics matrix building.
 - Basic statistics: means, standard deviations, variances, covariances, correlation coefficients, sums of products, normalized data, delta percent on paired data, moments, skewness and kurtosis.
 - Regression techniques: curve fitting (straight line, exponential, logarithmic and power), multiple linear and polynomial regressions.
 - Test statistics.
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Vectors and Matrices

00028-90105

- General matrix operations: summation, multiplication, determinant, inverse, transpose, conjugate, minor, rank computation, and Hermitian determination.
 - System of linear equations.
 - Vector operations: basis, orthogonality, vector length, and normalization.
 - Eigenvalues and eigenvectors calculations.
 - Least squares and Markov Chain calculations.
-

Books for the HP 42S

Programming Examples and Techniques

00042-90020

- Science, engineering, and business calculations using these built-in applications: RPN HP Solve function, integration, matrices, statistics.
 - RPN HP Solve and integration functions within programs.
 - HP 41 programs enhanced for the HP 42S (with examples).
 - Plots and graphics are printed using the HP Infrared Printer.
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Electrical Engineering

00042-90021

- Circuit calculations: voltage division, current division, power triangle, frequency response of transfer function, RC timing, delta-wye conversions.
 - Network analysis: using the circuit editor, mesh analysis, nodal analysis, impedance of a ladder network.
 - Filter design: active filter design, Butterworth filter design.
 - Transmission lines: transmission line calculations, transmission line impedance.
 - Amplifier analysis: transistor amplifier performance, transistor amplifier bias optimization.
 - Truth tables: test logical expressions, print truth table output.
 - Utilities: circuit calculation utilities, circuit element input utility, function name utility, yes/no utility, product over sum utility, size utility.
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Mechanical Engineering

00042-90022

- Forces and vectors: vectors in the HP 42S, static equilibrium at a point.
 - Equations of motion.
 - Analysis programs: Mohr circle analysis, Soderberg's equation for fatigue, composite section properties, spring constant, linear or angular deformation.
 - Thermodynamics: equations of state, black body thermal radiation.
 - Fluid dynamics: conduit flow, flow with a free surface.
 - Unit conversions: write unit conversion programs, dimensionless units of angle, conversion factors.
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Other Books and Guides to Help You

The products included in this section are sold by independent companies. They have not been tested or reviewed by HP and their inclusion here does not constitute an endorsement.

Please contact the appropriate company for more information and for purchasing any of the products listed below.

Grapevine Publishing, Inc.

626 NW 4th Street
PO Box 2449
Corvallis, OR 97339
(800) 338 4331
FAX (503) 754 6508

The HP 12C Pocket Guide: Just in Case

This is a quick-reference guide with the examples and keystrokes you need to solve many real estate and financial calculations.

An Easy Course in Using the HP 17B

This Easy Course will guide you through arithmetic, menus, lists, and the HP Solve application. Learn about mortgages, NPV/NFV, IRR/MIRR, IRAs, cash flow analysis, and more.

The HP 17B Pocket Guide: Just in Case

A reference guide filled with lots of examples, keystroke procedures, and explanations.

An Easy Course in Using the HP 19BII

This book shows you how to work with your HP Business Consultant II (HP 19B or HP 19BII) in a uniquely understandable fashion. It shows menus, lists, arithmetic, and how to write and store your own list of equations. You also learn about loans, mortgages, NPV/NFV, IRR/MIRR, IRAs, investments, inflation, cash flows, and tax considerations.

The HP 19B Pocket Guide: Just in Case

A quick reference and convenient consultation at the flip of a page. Lots of examples complete with keystroke procedures and explanations.

An Easy Course in Using the HP 27S

This book guides you through keystroke operation, arithmetic, and menu use. Offers a close look at the built-in HP Solve function, including its "smart" features, such as list functions, conditional tests, and multiple solutions. Contains a series of commonly encountered problems in science, math, and engineering, and an extensive look at personal finance, using the TVM menu.

An Easy Course in Using the HP 28S

Brings you up to speed on the mechanics of operation: what keys to press to control and command the display, the stack, and the menus. Also addresses specialized topics, including symbolic algebra and calculus, plotting, and programming.

HP 28S Software Power Tools

Electrical Circuits - Analyze steady-state ac circuits with your HP 28S and its complex-matrix-crunching power! Do mesh or nodal analysis; construct general networks and ladders by building easy-to-edit descriptions of your circuits. Plot results, either on your display or with HP's infrared printer.

Utilities - A collection of nearly 200 sub-routines for use in building your own programs — routines for directory manipulation, general object manipulation, sorting, searching, display formatting, program development, graphics, plotting, printer manipulation, and more.

An Easy Course in Using the HP 42S

Learn easily and quickly about arithmetic and the stack, higher math, the Custom and TOP.FCN, MODES, CONVERT, and PROB menus. Learn about real numbers, alpha data, complex numbers, and matrix variables. As you build programs, this book teaches you about labels, flags, loops, branching, conditional testing, and more.

Larken Publishing Company

4517 NW Queens Avenue
Corvallis, OR 97330
(503) 754 0117

HP 28 Insights

An in-depth book that discusses the principles and concepts of HP 28 operation, starting with the mathematical ideas that underlie the HP 28's use of Reverse Polish Notation (RPN) and the object stack. Also contains extended discussions on problem solving techniques, starting with the HP Solve function, running through the development and application of program objects, and concluding with a description of plotting methods.

Armstrong Publishing Company

3135 NW Ashwood Drive
Corvallis, OR 97330
(503) 757 0282
FAX (503) 753 6105

The HP 19B Pocket Book

Covers calculator operation and all the functions, using menus and printing. Details with examples for TVM, amortization, even and uneven cash flows, bonds, depreciation, time and appointment functions, equation solving, exchange rates and conversions.

The HP 28 Pocket Book

Provides rapid, concise assistance for using the HP 28. Contains lists of object types, escape sequences, reserved names, unit prefixes, errors, flags, and commands.

IDEC

(Formerly Zengrange, Inc.)
541A SW Wake Robin Avenue
Corvallis, OR 97333
(503) 753 9403
FAX (503) 753 4308

HP Business Consultant II (HP 19BII) Overhead Display

This is a modified version of the HP Business Consultant II calculator. The classroom display permits light from an overhead projector to pass through the liquid crystal display to project any calculation, formula, or plot displayed by the HP Business Consultant II calculator (calculator included).

HP 28S Overhead Display

This is a modified version of the HP 28S calculator. The classroom display permits light from an overhead projector to pass through the liquid crystal display to project any calculation, formula or graphic displayed by your HP 28S (calculator included).

Astech Industries

4425 W Spring Mountain
Suite 200
Las Vegas, NV 89102
(702) 221 5070
(800) 421 5070

Case for the HP 10B, HP 14B, HP 17B, HP 17BII, HP 20S, HP 21S, HP 22S, HP 27S, HP 32S, HP 32SII, HP 42S

Innovative new case snaps closed to protect and surround your calculator in high-impact plastic. Cover folds under to transform into a convenient desktop stand.

How To Order HP Calculator Accessories

In the U.S., visit your nearest HP retailer to purchase or see a demonstration of Hewlett-Packard calculator products.

To locate the retailer nearest you or for operating questions on HP calculators, call (503) 752 7736 between 8:00 am and 3:00 pm (Pacific time), Monday - Friday.

Outside the U.S., contact your local HP sales office listed in your telephone directory.