Lotus®

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Reference Manual

Lotus®

System Disk

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Lotus®

For Personal Computers from
IBM® COMPAQ® and AT&T.
1-2-3 Certified Compatibles.
See System Requirements.

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Lotus Development Corporation
Release 2 Part No. 89240

123®

1-2-3® from Lotus® unites spreadsheet, graphics and database in one fully integrated software package.

Spreadsheet

- 8192 rows x 256 columns
- 10 cell format options
- Variable individual column widths
- Complete string manipulation
- Protected cells
- Hidden cells/columns
- Windows – horizontal or vertical
- Move or copy cells or ranges
- Range transposition
- Insert or delete columns or rows
- Format ASCII data into labels and numbers
- Extract and consolidate data
- Regression analysis
- Matrix inversion and multiplication
- Circular reference address
- Global zero suppression
- Printout control
- Functions: **Math:** $+, -, \wedge, *, /,$ ABS, ACOS, ASIN, ATAN, ATAN2, COS, EXP, INT, LN, LOG, MOD, PI, RAND, ROUND, SIN, SQRT, TAN
String: CHAR, CODE, EXACT, FIND, LEFT, LENGTH, LOWER, MID, N, PROPER, REPEAT, REPLACE, RIGHT, S, STRING, TRIM, UPPER, VALUE
Financial: PV, FV, NPV, PMT, IRR, RATE, TERM, CTERM, SLN, SYD, DDB
Statistical: AVG, COUNT, MAX, MIN, STD, SUM, VAR
Logic: $>, <, =, >=, <=,$ $<>$, TRUE, FALSE, AND, OR, NOT, IF, ISNA, ISNUMBER, ISSTRING, ISERR
Date/Time: SECOND, MINUTE, HOUR, DATE, MONTH, YEAR, DATEVALUE, NOW, TIMEVALUE, DAY
Special: CELL, CELLPOINTER, COLS, ERR, INDEX, NA, ROWS, CHOOSE, HLOOKUP, VLOOKUP

Graphics

- 7 graph options: line graphs, X-Y graphs, scatter graphs, pie charts, exploding pie charts, bar and stacked bar charts
- Instant creation for "What if?" analysis
- Printer and plotter control
- Presentation quality output
- Compatible with over 50 popular printers/plotters

Database

- Up to 8191 records, up to 256 fields
- Two level sorting
- 7 database statistical functions
- Query: allows wild-card parameters, up to 32 search criteria

Additional Features

- Flexible keyboard macros for automating repetitive tasks
- Advanced macro commands for creating customized applications
- Password protection
- Limited text processing
- Imbedded set-up strings
- Direct access to DOS and subdirectories
- Efficient memory management
- Addresses up to 4 Megabytes of expanded memory*
- Supports 8087 and 80287 math coprocessors

- Reads 1-2-3 Release 1A and Symphony® files
- Data exchange with 1-2-3 Release 1A, Symphony and other programs

Lotus Service and Support

- Tutorial – interactive training
- Over 200 on-line HELP screens
- Customer support lines

General Requirements

1-2-3 Release 2 runs on the IBM® PC, XT™, Portable, 3270 PC, DOS 2.0, 2.1, 3.0, 3.1; IBM 3270/G, 3270/GX, DOS 2.0, 2.1; IBM PCjr®, DOS 2.1; IBM AT™, DOS 3.0, 3.1; COMPAQ® Portable™, PLUS™, and DESKPRO™, DOS 2.02 or 2.11; AT&T® PC 6300, DOS 2.11. The IBM 3270 is supported in the stand-alone PC mode. The PCjr requires IBM Utility program.

1-2-3 Release 2 minimum system configuration is a single 5.25″ double-sided, double-density disk drive and 256K bytes memory.

1-2-3 Release 1A is available on select personal computers from IBM, Data General, Digital Equipment Corporation, Hewlett-Packard, Tandy, Texas Instruments and Wang.

Ask your Authorized Lotus Dealer about other personal computers and peripherals approved by Lotus as suitable for use with 1-2-3.

All specifications and terms subject to change. Specifications are for 1-2-3 Release 2.

*Total amount of addressable memory depends on the application. If expanded memory is required, Lotus recommends an initial purchase of no more than 1 Megabyte.

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