



# Tech Info Library

## LisaCalc: Specifications (Discontinued)

### I. LisaCalc: A6D0300 (Discontinued)

Available from Sun Remarketing,  
P. O. Box 4059, Logan, Utah 84321  
(801) 752-7631.

--Includes: LisaDraw, LisaList, LisaGraph, LisaWrite, LisaTerminal,  
LisaProject and the Lisa Office System.

#### 1. Maximum Size:

- A. Dimensions: 255 rows by 255 columns
- B. Visible: 15 columns (8 characters each) by 29 rows
- C. Memory (recommended limit): 400 blocks

#### 2. Precision and Accuracy:

- A. Standard IEEE numerics for calculations
- B. 15 digits for high-precision calculations

#### 3. Editing:

- A. Cut, Copy, Paste and Clear
- B. Insert new rows or columns
- C. Copy values or formulas from or into other models

#### 4. Formatting:

- A. Left, right and center justification
- B. Variable column widths: 1 to 80 characters
- C. Numbers:
  - a. Integer, decimal, and exponential
  - b. Variable number of digits after decimal or exponent
- D. Money: commas, dollar signs, cents
- E. Negative money values may be displayed in brackets
- F. Fill Pattern

#### 5. Functions:

- A. Addition, subtraction, multiplication, division
- B. Sum, average, minimum, maximum, count, exponent

- C. NPV, compound interest factor, annuity factor
- D. Absolute value, integer portion, round
- E. Log, natural log, square root, sum of squares
- F. Sin, asin, cos, acos, tan, atan
- G. Lookup
- H. Integer division with remainder
- I. Boolean: and, or, not, if-then-else
- J. Equal, not equal
- K. Greater and less than, greater than or equal, less than or equal
- L. NA, error

6. Date/Calendar:

- A. Specify dates as mm/dd/yy
- B. Specify date parts as a number of days, months or years
- C. Add, subtract and compare dates of date parts
- D. Many functions work with dates or date parts

7. Calculation Features:

- A. Automatic or manual:
  - Calculates until convergence is achieved

8. Data Exchange:

- A. Move data and models between LisaCalc documents
- B. Move data and text into LisaGraph and LisaWrite

9. Special Features:

- A. "Protection" guards cells from being changed
- B. Circle Missing Values: cells that are referenced in a formula but do not contain valid data are highlighted
- C. Up to 6 vertical or horizontal splits of the window

10. Features:

- A. Undo function: cancels effects of last operation
- B. Revert To Previous Version: undoes all changes made to the document since it was last saved
- C. Display more than one document on the screen at the same time
- D. Horizontal and vertical scrolling

11. Typestyles:

- A. Variety of sizes available

12. Printing:

- A. "What you see is what you get" fidelity
- B. Fit as many as 132 columns on an 8 1/2 x 11-inch page
- C. Automatic or manual page breaks
- D. Print formulas or values

- E. Print in horizontal or vertical formats
- F. Print one or multiple copies
- G. Print whole drawing or selected pages
- H. Background printing enables you to print one or more documents while working on another
- I. Works with the following printers:
  - a. Apple Dot Matrix Printer
  - b. Apple Imagewriter: normal or wide carriage  
NOTE: Only version 3.1 of the Office System makes full use of the wide-carriage ImageWriter, letting you print on 14" x 11" paper.
  - c. Apple Daisy Wheel Printer
  - d. Canon Ink Jet Printer

13. Documentation: Reference guide which includes a tutorial.  
Copyright 1985, 1992, Apple Computer, Inc.

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