# Tech Info Library

## LisaCalc: Specifications (Discontinued)

```
Revised:        10/7/93
Security:       Everyone
```

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.

Tech Info Library Article Number:1172