

NEW PRODUCTS

LNWBASIC (C) MODULAR SOFTWARE ASSOCIATES
AN ADVANCED DISK BASIC FOR THE LNWS80

LNWBASIC provides an EXTENSION to the DISK BASIC in DOSPLUS, NEWDOS80 2.0, or TRS-DOS 2.3 to add high resolution graphics, color, special keyboard functions, sound, RS232 communications and advanced programming commands. LNWBASIC features a CREATOR which allows the user to select from the more than 40 new commands to make a custom tailored basic interpreter. Syntactically similar to the R/S Color Computer Extended Color Basic, LNWBASIC offers such commands as DRAW, LINE, COLOR, CIRCLE, MODE and SOUND. The following is a brief list of the new commands:

BLINK - Switch blinking cursor on/off
CALL - Execute a machine language subroutine
CIRCLE - Draw circle with parameters
COLOR - Set color for mode 2 graphics (color)
CONV - Convert input to hex, decimal, or ascii
DEFKEY - Modify 10 user definable keys
DISKEY - Display the current set of defined keys
DLOAD - Load an object code file from disk
DO/UNTIL - Do/Until construct
DRAW - Draw lines with Turtle Graphics, rotation and scale parameters
DRUN - Exit LNWBASIC and execute disk object program
EXIT - Exit LNWBASIC to DOS
FLS - Fill the text screen with ascii character
GSUB - GOSUB <expression> or <#label>
GTO - GOTO <expression> or <#label>
HIMEM - Change MEMORY SIZE? from basic
#"label" - Make this line referenced by a label rather than line number
LCASE - Toggle CAPS LOCK on and off
LINE - Set or reset line, box, or box with fill
LOADKEY - Load a user definable key definition file from disk
LOC. - Locate a string or basic token(s)
MODE - Set the graphics display mode
NTROFF/ON - Turn NEW TRACE UTILITY off/on
PCLS - Fill the graphics screen with a specific value
PLOAD - Load the graphics screen from a disk file

(additional commands continued on back page)

LNWBASIC is supplied on 35 track single-density diskette complete with tutorial, high resolution Epson printer DUMP routine, and several interesting demonstration programs.

ONLY \$69.95

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(command summary continued from front page)

PON/POFF - Route video to the printer also
POINT - Test graphics point/ return color
PSAVE - Save the graphics memory to a specified disk file
PSET - Set a point (with color parameter if in mode 2)
PRESET - Reset a point (in color will be set to white)
QUICKEY - Turn on/off <CONTROL> key to enter shorthand basic keywords

REPEAT - Turn on/off repeating key functions
REST - 'RESTORE' to a specified data line
RS232 - Set RS232 initialization
RSIN - Input from the RS232C device or from the keyboard
RSOUT - Route the printer output to the RS232 port
SAVEKEY - Output the current user definable key list to a specified disk file
SOUND - Output tone to the cassette port with frequency, duration, and waveform
SPOOLON - Direct the printer output to a specified disk file
*SPOOLOFF - Turn off spooling
XSTR\$() - Execute a string as a basic statement(s)