



Do you want a normal first-time INSTALLation of WordStar?  
(Y = yes; N = display other options): Y

This will INSTALL the WSU.COM on the current drive, save  
the result on file WS.COM on the current drive, and then  
run the INSTALLED WordStar. OK (Y/N): Y

MicroPro WordStar release 3.00 serial # WZ3994AS

\*\*\*\*\* WordStar TERMINAL MENU #1 \*\*\*\*\*

A Lear-Siegler ADM-3A	C Lear-Siegler ADM-31
D Hazeltine 1500	E Microterm ACT-IV
F Beehive 150/Cromemco 3100	G Imsai VIO
H Hewlett-Packard 2621 A/P	I Infoton I-100
J Processor Tech Sol / VDM	K Soroc IQ-120/140
L Perkin-Elmer 550 (Bantam)	Z Terminal Menu #2
3 Terminal Menu #3	Z none of the above
U no change	

PLEASE ENTER SELECTION (1 LETTER): Z

For other terminals and video boards, Wordstar must be  
"patched". Determine your terminal's control sequences  
from the manufacturer's manual; refer to the MODIFICATION  
section of the WordStar manual. Once these codes are determined  
answer "N" to the "ARE THE MODIFICATIONS TO WORDSTAR  
COMPLETE ?" question towards the end of INSTALL.

OK (Y/N): Y

\*\*\*\*\* PRINTER MENU \*\*\*\*\*

(More specific info is displayed after choice is entered)

A Any "Teletype-like" printer (ie almost any printer)
C "Teletype-like" printer that can BACKSPACE
D DIABLO 1610/1620 daisy wheel printer
E DIABLO 1640/1650/630/Xerox 1700 series daisy wheel printer
F QUME Sprint 5 daisy wheel printer
G NEC Spinwriter 5510/5520 thimble printer
I "Half-Line-Feed" Printers
M I/O Master / O.E.M. Printer Combination
R C. Itoh/TEC Starwriter Printer
U no change
Z none of the above

PLEASE ENTER SELECTION (1 LETTER): A

Teletype-like printer

This selection will drive almost any printer. The printer  
must be capable of responding to ASCII printing characters,  
carriage return, and line feed only.

Make sure any AUTO LF or LOCAL LF switch is OFF.

If your printer is capable of backspacing, use CHOICE C  
instead for faster output.

If you have a DAISY WHEEL or thimble printer shown on the  
menu, use the appropriate choice in order to obtain "Micro-  
justified" output and additional formatting capabilities.

Refer to manual for instructions on patching in optional  
control sequences for ribbon color change, character pitch  
change, and half-line roll (for subscripts and superscripts)  
if your printer has these capabilities.

OK (Y/N): Y

Most Teletype-like printers use no communications protocol.

\*\*\*\*\* COMMUNICATIONS PROTOCOL MENU \*\*\*\*\*

A "Communications Protocol" is necessary with some printers  
to prevent printer buffer overflow and character loss.

E "ETX/ACK" Protocol

X "X-ON/X-OFF" Protocol

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N  NONE required (or handled outside of WordStar)
U  no change

PLEASE ENTER SELECTION (E, X, N, B, or U): N

No communications protocol

OK (Y/N): Y

With no protocol, the usual driver selection (below) is L

*****  DRIVER MENU  *****

Or, how should WordStar send characters to your printer?

L  CP/M "List" device (LST:)
T  CP/M primary console device (TTY:)
C  CP/M secondary console device (CRT:)
P  Port Driver (direct I/O to 8-bit ports)
N  Parallel Centronics Printer Driver
Q  Serial Driver on TRS-80 Model-2
S  User-installed driver subroutines
U  no change

PLEASE ENTER SELECTION (L,T,C,P,N,P,S,B or U): L

CP/M List Output driver (LST:)

    In most systems this is a "logical" device which must be
assigned to the desired one of four "physical" devices with
the STAT command, before WordStar is invoked.

OK (Y/N): Y

ARE THE MODIFICATIONS TO WORDSTAR NOW COMPLETE?

    IF THEY ARE ANSWER YES TO THE NEXT QUESTION.
    IF YOU WISH TO MAKE ADDITIONAL PATCHES TO WORDSTAR'S
    USER AREAS, ANSWER NO TO THE NEXT QUESTION.

OK (Y/N): N

YOU MAY NOW MODIFY ANY LOCATION DESCRIBED IN THE LISTING
AT THE END OF THE USER MANUAL OR THE CUSTOMIZATION NOTES.

YOU MAY USE EITHER THE LABEL OR THE HEX ADDRESS TO SPECIFY
THE LOCATIONS YOU WISH TO CHANGE.  IF YOU USE A LABEL THEN
YOU MAY APPEND AN OFFSET TO THE LABEL (I.E. LABEL:+31).  THE
LABEL ALWAYS HAS A ":" APPENDED (LABEL:).  YOU MAY SPECIFY
THE NEW VALUE ONLY AS A HEX NUMBER.  A LOCATION OF ZERO (0)
WILL CAUSE THE END OF THE MODIFICATIONS

LOCATION TO BE CHANGED (0=END): HITE:
    ADDRESS : 0248H  OLD VALUE: 18H  NEW VALUE: 28
LOCATION TO BE CHANGED (0=END): WID:
    ADDRESS : 0249H  OLD VALUE: 50H  NEW VALUE: 50
LOCATION TO BE CHANGED (0=END): CLEAD1:
    ADDRESS : 024AH  OLD VALUE: 02H  NEW VALUE: 02
LOCATION TO BE CHANGED (0=END): CLEAD1:+1
    ADDRESS : 024BH  OLD VALUE: 1BH  NEW VALUE: 1B
LOCATION TO BE CHANGED (0=END): CLEAD1:+2
    ADDRESS : 024CH  OLD VALUE: 59H  NEW VALUE: 5B
LOCATION TO BE CHANGED (0=END): CLEAD2:
    ADDRESS : 0253H  OLD VALUE: 00H  NEW VALUE: 01
LOCATION TO BE CHANGED (0=END): CLEAD2:+1
    ADDRESS : 0254H  OLD VALUE: 00H  NEW VALUE: 3B
LOCATION TO BE CHANGED (0=END): CTRAIL:
    ADDRESS : 0258H  OLD VALUE: 00H  NEW VALUE: 01
LOCATION TO BE CHANGED (0=END): CTRAIL:+1
    ADDRESS : 0259H  OLD VALUE: 00H  NEW VALUE: 48
LOCATION TO BE CHANGED (0=END): LINOFF:
    ADDRESS : 025EH  OLD VALUE: 20H  NEW VALUE: 01
LOCATION TO BE CHANGED (0=END): COLOFF:
    ADDRESS : 025FH  OLD VALUE: 20H  NEW VALUE: 01
LOCATION TO BE CHANGED (0=END): ASCUR:
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ADDRESS : 0260H OLD VALUE: 00H NEW VALUE: 02
LOCATION TO BE CHANGED (0=END): ERAEOL:
ADDRESS : 026DH OLD VALUE: 03H NEW VALUE: 03
LOCATION TO BE CHANGED (0=END): ERAEOL:+1
ADDRESS : 026EH OLD VALUE: 00H NEW VALUE: 1B
LOCATION TO BE CHANGED (0=END): ERAEOL:+2
ADDRESS : 026FH OLD VALUE: 00H NEW VALUE: 5B
LOCATION TO BE CHANGED (0=END): ERAEOL:+3
ADDRESS : 0270H OLD VALUE: 00H NEW VALUE: 4B
LOCATION TO BE CHANGED (0=END): LINDEL:
ADDRESS : 0274H OLD VALUE: 04H NEW VALUE: 04
LOCATION TO BE CHANGED (0=END): LINDEL:+1
ADDRESS : 0275H OLD VALUE: 00H NEW VALUE: 1B
LOCATION TO BE CHANGED (0=END): LINDEL:+2
ADDRESS : 0276H OLD VALUE: 00H NEW VALUE: 5B
LOCATION TO BE CHANGED (0=END): LINDEL:+3
ADDRESS : 0277H OLD VALUE: 00H NEW VALUE: 31
LOCATION TO BE CHANGED (0=END): LINDEL:+4
ADDRESS : 0278H OLD VALUE: 00H NEW VALUE: 4D
LOCATION TO BE CHANGED (0=END): LININS:
ADDRESS : 027BH OLD VALUE: 00H NEW VALUE: 4
LOCATION TO BE CHANGED (0=END): LININS:+1
ADDRESS : 027CH OLD VALUE: 00H NEW VALUE: 1B
LOCATION TO BE CHANGED (0=END): LININS:+2
ADDRESS : 027DH OLD VALUE: 00H NEW VALUE: 5B
LOCATION TO BE CHANGED (0=END): LININS:+3
ADDRESS : 027EH OLD VALUE: 00H NEW VALUE: 31
LOCATION TO BE CHANGED (0=END): LININS:+4
ADDRESS : 027FH OLD VALUE: 00H NEW VALUE: 4C
LOCATION TO BE CHANGED (0=END): IVON:
ADDRESS : 0284H OLD VALUE: 00H NEW VALUE: 4
LOCATION TO BE CHANGED (0=END): IVON:+1
ADDRESS : 0285H OLD VALUE: 00H NEW VALUE: 1B
LOCATION TO BE CHANGED (0=END): IVON:+2
ADDRESS : 0286H OLD VALUE: 00H NEW VALUE: 5B
LOCATION TO BE CHANGED (0=END): IVON:+3
ADDRESS : 0287H OLD VALUE: 00H NEW VALUE: 31
LOCATION TO BE CHANGED (0=END): IVON:+4
ADDRESS : 0288H OLD VALUE: 00H NEW VALUE: 6D
LOCATION TO BE CHANGED (0=END): TRMINI:
ADDRESS : 0292H OLD VALUE: 00H NEW VALUE: 2
LOCATION TO BE CHANGED (0=END): TRMINI:+1
ADDRESS : 0293H OLD VALUE: 00H NEW VALUE: 1B
LOCATION TO BE CHANGED (0=END): TRMINI:+2
ADDRESS : 0294H OLD VALUE: 00H NEW VALUE: 63
LOCATION TO BE CHANGED (0=END): IDTEX:
ADDRESS : 018FH OLD VALUE: 20H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+1
ADDRESS : 0190H OLD VALUE: 49H NEW VALUE: 56
LOCATION TO BE CHANGED (0=END): IDTEX:+2
ADDRESS : 0191H OLD VALUE: 42H NEW VALUE: 54
LOCATION TO BE CHANGED (0=END): IDTEX:+3
ADDRESS : 0192H OLD VALUE: 4DH NEW VALUE: 2D
LOCATION TO BE CHANGED (0=END): IDTEX:+4
ADDRESS : 0193H OLD VALUE: 20H NEW VALUE: 31
LOCATION TO BE CHANGED (0=END): IDTEX:+5
ADDRESS : 0194H OLD VALUE: 33H NEW VALUE: 30
LOCATION TO BE CHANGED (0=END): IDTEX:+6
ADDRESS : 0195H OLD VALUE: 31H NEW VALUE: 30
LOCATION TO BE CHANGED (0=END): IDTEX:+7
ADDRESS : 0196H OLD VALUE: 30H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+8
ADDRESS : 0197H OLD VALUE: 31H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+9
ADDRESS : 0198H OLD VALUE: 20H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+A
ADDRESS : 0199H OLD VALUE: 20H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+B
ADDRESS : 019AH OLD VALUE: 20H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+C
ADDRESS : 019BH OLD VALUE: 20H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+D
ADDRESS : 019CH OLD VALUE: 20H NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+E
ADDRESS : 019DH OLD VALUE: 20H NEW VALUE: 20
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LOCATION TO BE CHANGED (0=END): IDTEX:+F
  ADDRESS : 019EH  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+10
  ADDRESS : 019FH  OLD VALUE: 61H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+11
  ADDRESS : 01A0H  OLD VALUE: 6CH  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+12
  ADDRESS : 01A1H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+13
  ADDRESS : 01A2H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+14
  ADDRESS : 01A3H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+15
  ADDRESS : 01A4H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+16
  ADDRESS : 01A5H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+17
  ADDRESS : 01A6H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+18
  ADDRESS : 01A7H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+19
  ADDRESS : 01A8H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+1A
  ADDRESS : 01A9H  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+1B
  ADDRESS : 01AAH  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+1C
  ADDRESS : 01ABH  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+1D
  ADDRESS : 01ACH  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+1E
  ADDRESS : 01ADH  OLD VALUE: 20H  NEW VALUE: 20
LOCATION TO BE CHANGED (0=END): IDTEX:+1F
  ADDRESS : 01AEH  OLD VALUE: 20H  NEW VALUE: 20

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LOCATION TO BE CHANGED (0=END): 0

CONFIRM TERMINAL AND PRINTER SELECTIONS:

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VT-100
Teletype-like printer
No communications protocol
CF/M List Output driver (LST:)

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OK (Y/N): Y

Posted by [Jeff Tranter](#) at 7:46 PM

Labels: [Altair 8800](#), [Briel](#), [CP/M](#), [WordStar](#)

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