

# digital

# Software Product Description

PRODUCT NAME: WPS-8/81, WPS-8/82, Version 3.4

SPD 5.89.2

## DESCRIPTION:

WPS-8/81 and WPS-8/82 are text processing software systems for office and business use that are packaged with all RX-based 80 and 200 series word processing systems. WPS-8/81 supports one terminal and WPS-8/82 supports two terminals. A menu driven editor creates and updates documents stored on floppy diskettes. Up to 200 documents of various lengths, or up to a total of 125 pages (at approximately 2000 characters per page) can be stored on a single floppy diskette.

Editing capabilities make it possible to easily correct text without completely retyping a new draft. Documents can be queued to a letter quality or draft printer. Printing and editing can be done simultaneously.

WPS-8/81 and WPS-8/82 enable the user to

- Prepare and edit reports that can require several drafts before final printing
- Create contracts and other documents from a library of stored text.
- Generate customized letters using a stored form document, and automatically selecting variable text from a list of items, such as names and addresses

### Features

- Responsive menu-driven operation
- Easy-to-learn commands
- Special editing keypad
- Two- or four-floppy system configurations supported
- Software that selects single density mode on either RX01 or RX02 floppy drive-based systems
- Full editing features including:
  - Cut and paste of blocks of text
  - Operations by grammatical entity (character, word, tab position, sentence, paragraph, page, line)
  - Boilerplate insert from library files
  - Shorthand expressions
  - Swap transposed character key
  - Delete and rubout by character and word, rubout by sentence and line

- Full control of tabs, margins, justification, and pagination including:
  - Automatic centering of text on a line
  - Discretionary pagination control
  - Decimal and right-adjusted tabs
  - Semi-automatic hyphenation
- Greater than 400 words per minute letter quality printed output
- Higher speed draft printer support
- Selectable pitch and type fonts
- Underlined and overstruck (bold) printout
- Multicolumn printing
- Superscript and subscript
- Mailing list utilities
- Form letter merge
- Time and date stamp
- Document statistics
- Single sheet or continuous forms printing
- User-definable keys for predetermined, repetitive operations

### Communications

Using the WPS-8/81 and/or WPS-8/82 communications options, documents can be transmitted between the 81 or 82 systems and a local or remote computer system, or to another word processing system running WPS-8 (Version 3.0 or later). Transmission is asynchronous, serial, RS232-C compatible. One of three communications lines can be used with hardware selectable speeds up to 9600 baud.

### Features

- DX Document Transmission Mode
  - The DX feature allows all special format control information (underlining, bolding, ruler settings, print settings, etc.) to be sent with the document. The document received at the remote system contains all information found in the original. DX uses a special error detecting protocol to ensure accurate document transmission.

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Using DX, documents created under WPS-8 can be sent to

- Another DIGITAL word processing system running WPS-8, Version 3.0 or later
- An unattended DIGITAL word processing system (using corresponding WPS-8 communications option AX).
- Any of several DIGITAL operating systems that have the corresponding DX layered application product. Files can be prepared, edited, printed and verified off-line on the word processor and then sent to the host for processing.

- **AX Automatic Transmission Mode**

Used in conjunction with DX, the AX feature provides the same document transmission capabilities as the DX feature, and in addition allows for one of the WPS-8 systems in the communication link to be placed in the automatic mode. This makes it possible for only one person to operate the communication link between the two systems.

- **CX Character Transmission Mode**

The CX feature allows character transmission in a serial ASCII asynchronous mode. Special word processing control characters are not transmitted. CX provides for transmission of documents to another computer system in an interactive manner and to a number of other devices that transmit and receive ASCII characters.

Features with the CX package include:

- Flexible control of communications characteristics for:
  - Embedded control characters
  - Optional use of XON/XOFF protocol
  - Answerback support
  - TWX emulation
- Flexible control of keyboard, printer and storage:
  - Input from keyboard, document, or remote host
  - Output to screen, printer, document, or remote host
  - Multiple combinations possible

**MINIMUM HARDWARE REQUIRED:**

- WS81B-EA, -FA, or WD81B-EA, -EK, -FA, -FK
- WS82B-EA, -FA, or WD82B-EA, -EK, -FA, -FK
- WS211-EA, -FA, or WD211-EA, -EK, -FA, -FK, and one VT100-WA
- WS211-EA, -FA, WD211-EA, -EK, -FA, or -FK, and one WP212-EA two VT100-WAs

**OPTIONAL HARDWARE:**

*For WS81, WD81, WS82, or WD82 Systems*

- One LQP8-EA letter quality printer, or one LA8-PA draft printer, and/or
- One LA180-EA serial draft printer
- One WX81 add-on communications/OCR interface to WS81 or WD81
- One WX82 add-on communications/OCR interface to WS82 or WD82
- One RX28-BA additional RX02 dual floppy drive for WS81B-EA, -FA, WD81B-EA, -EK, -FA, or -FK
- One RX8-BA additional RX01 dual floppy drive for WS81A-AA, -CA, WD81A-AA, -AK, -CA, -CK, WS81B-AA, -CA, WD81B-AA, -AK, -CA, -CK (hardware no longer available).
- One WP82B-EA upgrade package to WS81B-EA, WD81B-EA, or -EK, or one WP82B-FA upgrade to WS81B-FA, WD81B-FA, or -FK. Includes an additional VT100-WA and RX02 dual floppy drive.
- One WP82B-AA upgrade package to WS81B-AA, WD81B-AA, or -AK (hardware no longer available), or one WP82B-CA upgrade to WS81B-CA, WD81B-CA, or -CK (hardware no longer available). Includes an additional VT100-WA and RX01 dual floppy drive.
- One WP82A-AA upgrade package to WS81A-AA, WD81A-AA, or -AK (hardware no longer available), or one WP82A-CA upgrade to WS81A-CA, WD81A-CA, or -CK (hardware no longer available). Includes an additional VT100-WA and RX01 dual floppy drive.

*For WS211 or WD211 Systems*

- One LQP8-EA letter quality printer, or one LA8-PA draft printer, and/or
- One LA180-EA serial draft printer
- One WX200-AA add-on communications/OCR interface to WS211-EA, -FA, WD211-EA, -EK, -FA, -FK
- One WX200 add-on communications/OCR interface to WS211-AA, -CA, WD211-AA, -AK, -CA, -CK (hardware no longer available)
- One WP212-EA upgrade package for the WS211-EA, -FA, WD211-EA, -EK, -FA, -FK. Includes an additional RX02 dual floppy drive. Configuration supports one printer and two terminals.
- One WP212-A upgrade package for the WS211-AA, -CA, WD211-AA, -AK, -CA, -CK (hardware no longer available). Includes an additional RX01 dual floppy drive. Configuration supports one printer and two terminals.
- One VT100-WA video display terminal with word processing keyboard

**PREREQUISITE SOFTWARE:**

None

**OPTIONAL SOFTWARE:**

None

**TRAINING CREDITS:**

None

**SUPPORT CATEGORY:**

DIGITAL SUPPORTED

WPS-8/81 and WPS-8/82 are DIGITAL Supported Software Products.

**SOFTWARE INSTALLATION:**

DIGITAL INSTALLED

DIGITAL installation is required for Software Product Support. There is no charge for installation if performed at the time of system installation. DIGITAL installed software products, except for operating systems, are subject to an add-on installation fee when purchased subsequent to system installation.

**SOFTWARE PRODUCT SUPPORT**

WPS-8/81 and WPS-8/82 include standard warranty services as defined in the Software Support Categories Addendum of this SPD.

**ORDERING INFORMATION:**

All binary licensed software, including any subsequent updates, is furnished under the licensing provisions of DIGITAL's Standard Terms and Conditions of Sale, which provide in part that the software and any part thereof may be used on only the single CPU on which the software is first installed, and may be copied, in whole or in part (with the proper inclusion of the DIGITAL copyright notice and any DIGITAL proprietary notices on the software) only for use on such CPU. All source licensed software is furnished only under the terms and conditions of a separate Software Program Sources License Agreement between Purchaser and DIGITAL.

Distribution for the WPS-8/81 and WPS-8/82 software is on RX01 Floppy Diskettes.

- WS81B-EA Single terminal word processing system, WPS-8/81 software, single-use license, binaries, documentation, support services
- WS81B-FA Single terminal word processing system with communications, WPS-8/81 software, single-use license, binaries, documentation, support services
- WD81B-EA Single terminal word/data processing system, WPS-8/81 and COS-310 software, single-use licenses, binaries, documentation, support services
- WD81B-EK Single terminal word/data processing system, WPS-8/81 software, single-use license, binaries, documentation, support services, COS-310 license only

- WD81B-FA Single terminal word/data processing system with communications, WPS-8/81 and COS-310 software, single-use licenses, binaries, documentation, support services
- WD81B-FK Single terminal word/data processing system with communications, WPS-8/81 software, single-use license, binaries, documentation, support services, COS-310 license only
- WS82B-EA Dual terminal word processing system WPS-8/82 software, single-use license, binaries, documentation, support services
- WS82B-FA Dual terminal word processing system, with communications, WPS-8/82 software, single-use license, binaries, documentation, support services
- WD82B-EA Dual terminal word/data processing system, WPS-8/82 and COS-310 software, single-use licenses, binaries, documentation, support services
- WD82B-EK Dual terminal word/data processing system, WPS-8/82 software, single-use license, binaries, documentation, support services, COS-310 license only
- WD82B-FA Dual terminal word/data processing system with communications, WPS-8/82 and COS-310 software, single-use licenses, binaries, documentation, support services
- WD82B-FK Dual terminal word/data processing system with communications, WPS-8/82 software, single-use license, binaries, documentation, support services, COS-310 license only
- WS211-EA Word processing system that supports one terminal and one letter quality printer, WPS-8/82 software, single-use license, binaries, documentation, support services
- WS211-FA Word processing system with communications that supports one terminal and one letter quality printer, WPS-8/82 software, single-use license, binaries, documentation, support services
- WD211-EA Word/data processing system that supports one terminal and one letter quality printer, WPS-8/82 and COS-310 software, single-use licenses, binaries, documentation, support services
- WD211-EK Word/data processing system that supports one terminal and one letter quality printer, WPS-8/82 software, single-use license, binaries, documentation, support services, COS-310 license only

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WD211-FA Word/data processing system with communications that supports one terminal and one letter quality printer, WPS-8/82 and COS-310 software, single-use licenses, binaries, documentation, support services

WD211-FK Word/data processing system with communications that supports one terminal and one letter quality printer, WPS-8/82 software, single-use license, binaries, documentation, support services, COS-310 license only

#### *Upgrade Options for WS81 or WD81 Systems*

Customers who are currently licensed users of WPS-8/81 may obtain this new product by purchasing a license to an upgrade kit for use on the same CPU as their previous license.

WP82B-E Upgrade for the WS81B-EA, WD81B-EA or -EK. Includes additional VT100-WA terminal and RX02 dual floppy drive, WPS-8/82 software, single-use license, binaries, documentation, support services

WP82B-F Upgrade for the WS81B-FA, WD81B-FA or -FK. Includes additional VT100-WA terminal and RX02 dual floppy drive, WPS-8/82 software, single-use license, binaries, documentation, support services

WP82B-A Upgrade for the WS81B-AA, WD81B-AA or -AK (hardware no longer available). Includes additional VT100-WA terminal and RX01 dual floppy drive, WPS-8/82 software, single-use license, binaries, documentation, support services

WP82B-C Upgrade for the WS81B-CA, WD81B-CA or -CK (hardware no longer available). Includes additional VT100-WA terminal and RX01 dual floppy drive, WPS-8/82 software, single-use license, binaries, documentation, support services

WP82A-A Upgrade for the WS81A-AA, WD81A-AA or -AK (hardware no longer available). Includes additional VT100-WA terminal and RX01 dual floppy drive, WPS-8/82 software, single-use license, binaries, documentation, support services

WP82A-C Upgrade for the WS81A-CA, WD81A-CA or -CK (hardware no longer available). Includes additional VT100-WA terminal and RX01 dual floppy drive, WPS-8/82 software, single-use license, binaries, documentation, support services

#### *Upgrade Options for WS211 or WD211 Systems*

Customers who are currently licensed users of WPS-8/81 or WPS-8/82 may upgrade to a WPS-8/200 text processing system by ordering one of the following options:

WP23A-WA Text processing system for either WS211 or WD211 systems providing a KL8A, 32K memory, WPS-8/200 hard disk based word processing software, single-use license, binaries, documentation, support services

WP23B-WA Text processing system for either WS211 or WD211 systems with WP212, providing a 40" cabinet, a KL8A, 32K memory, WPS-8/200 hard disk based word processing software, single-use license, binaries, documentation, support services

#### *Update Options*

Users of WPS-8/81 and/or WPS-8/82 whose specified Support Category warranty has expired may order under license the following software update at the then current charge for such update. The update is distributed in binary form on the appropriate medium and includes no installation or other services unless specifically stated.

#### *For WPS-8/81*

QF711-HY Binaries, documentation

QF711-HZ Right to copy for single-use (under existing license), no binaries, no documentation

#### *For WPS-8/82*

QF712-HY Binaries, documentation

QF712-HZ Right to copy single-use (under existing license), no binaries, no documentation

#### **ADDITIONAL SERVICES:**

None