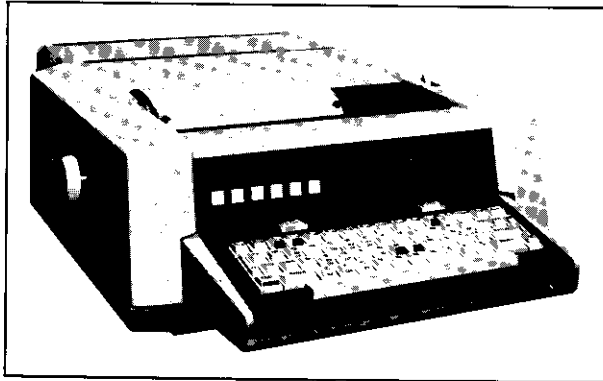




# 2762A Terminal Printer



The HP 2762A is a medium speed computer terminal for direct or remote communication. It serves as a system console or terminal for HP computer systems.

## Features

- 30 character per second print rate
- 75 column format
- Prints upper & lower case characters
- Heavy duty mechanism for continuous operation
- Quiet operation in a compact unit
- Control console, terminal, or on-line usage
- UL listed, CSA certified

With an output printing speed of 30 characters per second, the HP 2762A enhances your system by making far more effective use of computer time than would be possible with conventional, slower terminals.

The HP 2762A is a self-contained, heavy duty unit that permits reliable, continuous usage. Modern acoustical design insures quiet operation.

A 2762A Terminal Printer is easily included as part of any HP computer system.

For HP 2100A/S or 21MX based Computer Systems, the 2762A is easily connected via a single HP interface card or multiplexer. The 2762A is RS-232C compatible, allowing connection through modems and making possible remote use as a terminal. Software is available for terminal printer operation with HP computer systems.

Many additional quality features provide operator and performance enhancements, including switch selected vertical spacing of 6 or 3 lines per inch . . . print position indicator (a digital display that indicates next column to be printed) . . . print position scale . . . end-of-line alarm . . . internal illumination, and a low paper alarm.

Available options include pin feed paper handling, pedestal mounting, and operation from 50 Hz power sources.

## Specifications

### SYSTEMS COMPATIBILITY

2000 Series timesharing systems  
2100 A/S or 21MX DOS Based Systems

### CONTROL UNIT

Transmission: Full duplex, serial asynchronous; 7-level ASCII code plus parity (even), start and stop bits.

Interface: EIA Standard RS-232C (CCITT V-24).

Compatible with Bell 103 series full duplex modems or equivalent. May be direct wired to HP 2100/21MX series computers via 12531D-001 Interface Kit or HP series 12920 Multiplexer.

### PRINTING SYSTEM

Revolving print font belt: ink ribbon

Ink standard color: black

Printable characters: 94

Print positions (line length): 75 (characters)

Horizontal spacing: 10 characters per inch (2.54 cm)

Vertical spacing: 6 or 3 lines per inch (determined by Line Space switch)

Printed character size (typical)

Height: 2.5 mm (0.1 inch) nominal

Width: 1.5 to 2.2 mm (0.060 to 0.085 inch)

HEWLETT  PACKARD

Forms: (Pin feed equipped units) One to six-part carbon forms or three-part carbonless, sprocketed forms 21.6 cm (8.5 inches) wide, 20.3 cm (8.0 inches) between feed holes.

Recommended paper weights:

1 part	15 lb. paper
2, 3, 4 parts	13.5 lb. paper, 8 lb. carbon
6 part	12 lb. paper, 8 lb. carbon

Maximum allowable pack thickness: 0.64 mm (0.025 in.)

Paper slew rate: 16.9 cm (6.66 in.) per second

Indicators: local, standby, on-line, ready, interrupt, alarm, print position

### KEYBOARD

Magnetically coupled key contacts ensure reduced wear, longer operating life, and high reliability. The full 128-character ASCII codes (94 printable) can be generated.

Switches: All Caps, Auto Line Feed

### PRINTING SPEED

10, 15, or 30 characters/second, switch selected.

### DATA TRANSFER

Bit serial 10-bit code (11-bit at 10 cps) at rates of 110, 150, or 300 baud.

### NUMBER OF COLUMNS

75 columns

### CODE CONFORMATION

The 2762A Terminal Printer conforms to the following codes and standards:

Underwriters' Laboratory Standard 478 (60 Hz only)

Canadian Standards Association (60 Hz only)

Federal Communications Commission Rule 15

Electronic Industries Association Standard RS-232C

American National Standard USAS X3.4-1968

International Electrotechnical Commission 335-1 (50 Hz only)

### POWER REQUIREMENTS

2762A Terminal

60 Hz models: 117 VAC  $\pm$ 10% Single Phase  
60 Hz -1.5 to +1 Hz Line  
Frequency

50 Hz models: 220 or 240 VAC (dependent on  
option)  $\pm$ 8%  
50 Hz  $\pm$ 0.5 Hz

Power Consumed: 110 watts maximum

Power Cable: 3-wire, 7 ft. (2.1 m)

### ENVIRONMENTAL CONDITIONS

Operating Temperature: 0° to 43°C (+32° to 110°F)

Storage: -28° to +71°C (-20° to +160°F)

Humidity, Operating and Non-Operating: 10 to 95%  
(non-condensing)

Altitude:

Operating: 0 to 3,650 m (12,000 ft.)

Non-Operating: 0 to 15,240 m (50,000 ft.)

### PHYSICAL CHARACTERISTICS

Width: 52 cm (20-3/8 inches)

Height: 19 cm (7-1/2 inches)

Depth: 67.3 cm (26-1/2 inches)

Weight: 36.3 kg (80 pounds) without pedestal

45.5 kg (100 pounds) including pedestal

Shipping Weight: 59.1 kg (130 pounds) without pedestal

75 kg (165 pounds) with pedestal

### ORDERING INFORMATION

2762A Configurations

Standard - Printer with keyboard, 75 columns, friction feed, 10/15/30 characters per second, 117 VAC/60 Hz operation

015 - As standard except 220 VAC/50 Hz operation

016 - As standard except 240 VAC/50 Hz operation

017 - Adds pin feed paper handling with paper guide

018 - Adds pedestal and paper shelf

### EQUIPMENT SUPPLIED

The following is shipped with each 2762A:

Data Set Cable, RS-232C (CCITT V-24) Compatible,  
Length: 1.4 m (4.5 ft.)

Dust Cover

Spare Lamps and Lamp Extractor

Power Cord

9280-0292 Paper, 1 roll (friction feed models only)\*

9280-0705 Paper, fan fold, 250 sheets (pin feed  
models only)\*

9282-0524 Ribbon, black

02762-90030 Operators Manual

### SERVICE DOCUMENTATION

02762-90001 Service Manual

02762-90034 Parts Breakdown Manual

### INSTALLATION

List price includes installation

\*Sufficient paper is supplied for installation testing. Operating quantities should be ordered prior to installation.



Sales and service from 172 offices in 65 countries.  
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