

# HEWLETT-PACKARD

## HP 700/92

### Display Terminal

#### Designed for Your HP System

The HP 700/92 Display Terminal performs harmoniously with your HP business and technical computer applications. It was designed especially to take advantage of block mode communications in software packages like the popular VPLUS/3000. The HP 700/92 delivers more power than the HP 2392A terminal it replaces, adding new capabilities to make your work easier and more productive.

#### Sophisticated Alphanumeric Display

What's new on the HP 700/92? Crisp characters on a 14-inch screen for easy viewing. 8 pages of display memory for increased productivity. And a standard printer port for printing your files locally. But it doesn't stop there. The HP 700/92 also has selectable 80 or 132 column display modes, data transmission rates up to 38.4k baud, and DEC VT220 terminal compatibility.

#### Superb Ergonomic Design

We fashioned the HP 700/92 with state-of-the-art ergonomics. Its keyboard has tactile feedback for a responsive touch. Its tilt and swivel mechanism lets you position the screen effortlessly. Select soft white, amber, or green phosphor, with a screen-saver function standard. 72 Hz refresh rate enhances screen readability especially when displaying black characters on a white background. With the HP 700/92, you can experience the superior quality that earned HP terminals top ratings for four years in a row in Datapro's User Survey.<sup>†</sup>

#### Worldwide Support and Service

You can feel confident that, with one of the largest worldwide networks of sales and service offices in the computer industry, Hewlett-Packard is ready to meet all your display terminal needs.



#### Features

- **Enhanced Functions**
  - 80 or 132 column display
  - Up to 8 pages of display memory
  - 2 standard RS232C ports
  - 75 to 38,400 baud rates
- **Ergonomics**
  - 14-inch anti-glare screen
  - Soft white, green, or amber phosphor
  - Tilt and swivel
  - Selectable 50, 60 or 72 Hz refresh rates
  - Front panel controls
  - Detached adjustable keyboard
- **Compatibility Modes**
  - HP 2392A compatibility
  - VT220 mode
  - VT100 mode
  - VT52 mode
- **Keyboard**
  - Enhanced 2392A layout
  - Tactile feedback
  - 17 national layouts available
  - 8 function keys (16 shiftable)
- **Additional Features**
  - Smooth or jump scrolling
  - Insert and delete character with wraparound
  - 94 characters downloadable from host
  - Easy setup menus
  - Nonvolatile memory saves setup, function key info
  - 1 year warranty

*DEC VT220, VT100 and VT52 are products of Digital Equipment Corporation.*

*† "User Ratings of Display Terminals and IVDTs," Datapro Report, 1983-86.*

**HP Computer Museum**  
**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**



## Display

- CRT: Etched anti-glare, 14 in. dia. P31 Green, P194 Amber or P188 White phosphor.
- Format: 24 lines × 80 or 132 col. 25th and 26th lines for labels, 27th line for status. Jump/smooth scrolling.
- Character Cell: 7×11 character in 9×14 cell with half-dot shift (80 col). Equivalent to 18×14 cell for most characters.
- Character Set: ASCII, national, and line drawing.
- Cursor: Underline (blinking/static), Block (blinking/static), or Disabled.
- Display Enhancements: Inverse, underline, blinking, halfbright, security video.
- Display Memory: Up to 8 pages.
- Screen Saver: 5, 10, 15 min. or off.
- Refresh Rate: 50, 60, or 72 Hz.
- Editing: Ins./del. char. with wrap, ins./del. line, clear line/all.

## Keyboard

- Style: Detached, slant adjustable, low profile, with coiled cable. Sculptured keys, tactile feedback.
- Layout: 109 key. Separate cursor and numeric pads. 17 national layouts.
- Function Keys: 8 screen-labeled user-definable, shiftable to 8 pre-defined functions. Labels and definitions are saved in non-volatile memory.
- Operation: Auto-repeat, N-key rollover.

## Data Communications

- Interface:
  - Port 1 - Combined RS232C/HP422 data communications
  - Port 2 - RS232C printer interface
- Baud Rates: 75 to 38.4k baud. Handshaking may be required.
- Handshake:
  - Port 1 - ENQ/ACK, XON/XOFF, CS.
  - Port 2 - XON/XOFF, CS, SRR.

- Parity: even, odd, zero, one, none.
- Operating Modes: character, block, format, VT220.

## Physical Characteristics

- Display (H×W×D): 330 mm × 330 mm × 330 mm, 8.8 kg.
- Keyboard (H×W×D): 35 mm × 468 mm × 198 mm, 1.85 kg.
- Keyboard Cable: Coiled 0.8m, Extended 3m

## Power Requirements

- Input Voltage: 100V to 240V at 50-60 Hz.
- Power Consumption: 35 watts (average)
- Thermal Dissipation: 110 BTU/hr.

## Environmental Conditions

- Temperature:
  - Operating: 0°C to 55°C
  - Non-operating: -40°C to 70°C
- Humidity:
  - Operating: 15% to 95% (40°C)
  - Non-operating: 90% (65°C)
- Shock: 105 g, 3 ms, 65 in./sec., ½ sine
- Vibration: Operating 5-500 Hz, .0001 g<sup>2</sup>/Hz amplitude, 10 minutes/axis

## Product Regulations

- Safety:
  - United States—UL Listed 478
  - Canada—CSA certified
  - Germany—VDE/TUV (GS) Mark
  - Finland—FEI approval pending
  - International—IEC 380/435
- RFI:
  - United States—FCC class A
  - Germany—VDE 0871 level B Mark pending
  - Japan—VCCI class 1
- DATACOMM:
  - CCITT V.24, V.28 Approvals pending: Belgium, Germany, UK, and Finland.
- Ergonomics:
  - Germany—ZH 1/618 "Safety Regulations for Display Work places in the Office Sector"

## Ordering Information

- C1001A (amber display)
- C1001G (green display)
- C1001W (soft white display: black characters on white background)

## Required Localization Options:

ABA	U.S.
ABB	STD. EUROPE - U.S.*
ABC	CANADA-French
ABD	GERMANY
ABE	SPAIN
ABF	FRANCE
ABH	NETHERLANDS
ABL	CANADA-English
ABM	LATIN AMERICA
ABN	NORWAY
ABP	SWITZERLAND-German
ABQ	SWITZERLAND-French
ABR	REP. OF SO. AFRICA—U.S.*
ABS	SWEDEN
ABU	UK/IRELAND
ABW	BELGIUM—Flemish
ABX	FINLAND
ABY	DENMARK
ABZ	ITALY
ACC	UK/IRELAND—U.S.*
ACD	SWITZERLAND—U.S.*
ACE	DENMARK—U.S.*
ACF	JAPAN—U.S.*
ACG	AUSTRALIA—U.S.*

\*U.S. Keyboard, local power cord

## Non-Required Warranty Option:

- W03 Convert 1 year warranty to 90 days on-site

## Cable Accessories:

- 40242M US/European modem
- 40242X HP direct connect 232
- 40242P HP direct connect 422
- 40242G RS232C printer

Note: All cables provide RFI filtering. The HP 700/92 complies with RFI regulations only when used with these cables.

Technical information in this document is subject to change without notice.