

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 has made HP terminals the top choice for four years in a row in Datapro's User Survey.!

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 Mode
 - 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.

Display

- CRT: Etched anti-glare, 14 in. dia. P31 Green, P19 Amber or P188 White phosphor.
- Format: 24 lines x 80 or 132 col. 25th, and 26th lines for labels, 27th line for status. Jump/smooth scrolling.
- Character Cell: 7x11 character in 9x14 cell with half-dot shift (80 col). Equivalent to 18x14 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 (HxWxD): 330 mm x 330 mm x 330 mm, 8.8 kg.
- Keyboard (HxWxD): 35 mm x 468 mm x 198 mm, 1.85 kg.
- Keyboard Cable: Coiled 0.8m (2.7 ft.). Extended 3m (9.8 ft.)

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., $\frac{1}{2}$ sine
- Vibration: Operating 5-500 Hz, .0001 g²/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
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.