

# HEWLETT-PACKARD

## HP 700/94

### High Performance Terminal

#### Top Performer on HP Systems

The HP 700/94 Display Terminal incorporates advanced capabilities to help you make the most of your HP computer applications. Like the HP 2394A Data Entry terminal it replaces, the HP 700/94 provides forms cache and local edit checks optimized to work with VPLUS/3000 software. A superset of the HP 700/92 Display Terminal, the HP 700/94 makes your work easier and allows you to use your computer system more efficiently.

#### An Innovative Approach to Data Entry

The HP 700/94 stores an average of 25 forms locally, circumventing the traditional method of downloading forms repeatedly from the host computer. In addition, the HP 700/94's local edit checks, modified data tag, and 16 pages of display memory reduce costly host communication traffic. With a printer port standard, selectable 80 or 132 column display modes, and data transmission rates up to 38.4k baud, the HP 700/94 offers great flexibility for a variety of applications.

#### Superlative Ergonomics

The HP 700/94 is fashioned with state-of-the-art ergonomics. Its keyboard has tactile feedback for a responsive touch. 72 Hz refresh rate enhances screen readability especially when displaying black characters on a white background. And the tilt and swivel mechanism lets you position the screen effortlessly. Choose a soft white, amber, or green display, with a screen-saver function standard.

#### 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

- High Performance Functions
  - Forms cache
  - Local edit checks
  - Modified data tag transmission
  - 16 pages of display memory
  - 2 standard RS232C ports
- 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 2394A mode
  - VT220 mode
  - VT100 mode
  - VT52 mode
- Keyboard
  - Enhanced 2394A layout
  - Tactile feedback
  - 17 national layouts available
  - 8 function keys (16 shifttable)
- 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.*

## Display

- CRT: Etched anti-glare, 14 in. dia. P31 Green, P194 Amber or P188 White phosphor.
- Format: 24 lines x 80 or 132 col. 25th, 26th lines for labels, 27th line for status. Jump/smooth scroll.
- Character Cell: 7x11 character in 9x14 cell with half-dot shift (80 col). Equivalent to an 18x14 cell for most characters.
- Character Sets: 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 16 pages.
- Forms Cache Memory: Up to 130 blocks of 256 bytes each.
- 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.
- 11 Local Edit checks.
- Modified Data Tag.

## Keyboard

- Style: Detached, slant adjustable, low profile, 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
  - Port 2 - RS232C printer interface
- Baud Rates: 75 to 38.4k. Hand-shaking may be required.

- Handshake:
  - Port 1 - ENQ/ACK, XON/XOFF, CS.
  - Port 2 - XON/XOFF, CS, SRR.
- Parity: even, odd, 0,1, 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, 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., 1/2 sine
- Vibration: Operating: 5-500 Hz, .0001 g<sup>2</sup>/Hz amp., 10 min./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:
  - U.S.- 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

- C1002A (amber display)
- C1002G (green display)
- C1002W (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	S WITZERL AND—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 700/94 complies with RFI regulations only when used with these cables.

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