

# HEWLETT-PACKARD

## HP 700/43

### Fully Featured ASCII Terminal

#### Designed to Meet Your Most Demanding ASCII Needs

The HP 700/43 Display Terminal combines extensive functionality and superb ergonomics in a fully featured ASCII terminal. It offers a wide range of compatibility modes and superior quality that has consistently made HP terminals the top choice in Datapro's User Survey.† As a superset of the HP 700/41 Entry Level ASCII terminal, its additional features and functionality makes your work easier and allows you to use your computer system more productively.

#### Accent on Functionality

The HP 700/43 has twelve terminal compatibility modes, so it works with a wide variety of computer systems and software. In addition, it has four pages of display memory. The extra memory combined with its 80 and 132 column format allows easier review of data improving user's productivity and reducing system overhead. Furthermore, its enhanced keyboard has 58 keys that are programmable.

#### Superb Ergonomic Design

We fashioned the HP 700/43 with state-of-the-art ergonomics. Crisp characters are displayed on a 14-inch soft white, amber or green screen. With its 72Hz refresh rate, screen readability is enhanced especially when displaying black characters on a white background. Its keyboard has tactile feedback for a responsive touch. And its tilt and swivel mechanism lets you position the screen effortlessly.

#### 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

- Compatibility Modes
  - Wyse WY-30, WY-50
  - TeleVideo 905, 910†, 925E, 950
  - Lear Siegler ADM 3A, ADM 5, ADM 31
  - Hazeltine 1500
  - ADDS Viewpoint A2
  - Qume QVT-101
- Keyboard
  - Enhanced 106 key layout
  - 16 function keys (32 shiftable)
  - 58 programmable keys total
  - Tactile feedback
  - 17 national layouts available
- Ergonomics
  - 14-inch anti-glare screen
  - Soft white, green or amber display
  - 72 Hz, 60 Hz or 50 Hz
  - Tilt and swivel
  - Front panel controls
  - Detached adjustable keyboard
- Additional Features
  - 4 pages of memory
  - 80/132 column
  - 2 standard RS232C ports
  - Variable smooth scrolling
  - Split screen capability
  - Copy and transparent print modes
  - Easy setup menus
  - Nonvolatile memory saves setup, programmed key info
  - 1 year warranty

*WY-30 and WY-50 is a product of Wyse Technologies Systems. TeleVideo 905, 910†, 925E and 950 are products of TeleVideo Systems, Inc. ADM 3A, ADM 5 and ADM 31 are products of Lear Siegler Corporation. Hazeltine 1500 is a product of Esprit Systems, Inc. ADDS Viewpoint A2 is a product of Applied Digital Data Systems, Inc. QUME QVT-101 is a product of Qume 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.**

## Compatibility

- Wyse WY-30, WY-50
- TeleVideo Models 905, 910+, 925E, 950
- Lear Siegler ADM 3A, ADM 5, ADM 31
- ADDS VIEWPOINT A2
- QUME QVT101
- Hazeltine 1500

## Display

- CRT: Etched anti-glare 14 in. dia. P31 Green, P194 Amber or P188 White phosphor.
- Format: 24 lines by 80 or 132 col. 25th line for labels, 26th line for messages and 27th line for status. Horizontal-split screen. Jump/smooth scroll.
- Character Generation: 7×11 character in a 9×14 cell with half-dot shift. Equivalent to an 18×14 cell for most characters.
- Character Sets: ASCII, line drawing, national language and downloadable.
- Cursor: Underline (blinking/static), Block (blinking/static) or Disabled
- Display Enhancements: Dim, blink, blank, underline, reverse.
- Display Memory: Up to 4 pages
- Screen Saver: 5, 10, 15 minutes or off.
- Refresh Rate: 50 Hz, 60Hz and 72 Hz

## Keyboard

- Style: Detached, slant adjustable, low profile, coiled cable. Sculptured keys, tactile feedback.
- Layout: 106 key with separate cursor and numeric pad. 17 national layouts available.
- Programmable Keys: 16 function keys, shiftable to 32. 58 total programmable keys. 940 bytes of nonvolatile RAM.
- Operation: Auto-repeat, N-key rollover.

## Data Communications

- Interface:  
Port 1 - RS232C  
Port 2 - RS232C bidirectional printer port

- Baud Rates: 50 to 38.4K baud. Handshaking may be required.
- Handshaking: XON/XOFF, DTR
- Parity: None, odd, even, 1 and 0.
- Operating Modes: Character, block, protect, copy print, transparent print.

## 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: 0.8 m,  
Extended: 3 m

## 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  
min./axis

## Product Regulations

- Safety:  
United States—UL Listed 478  
Canada—CSA certified  
Germany—VDE/TTUV (GS) Mark  
Finland—FEI  
International—IEC 380/435
- RFI:  
United States—FCC class A  
Germany—VDE 0871 level B  
Mark pending  
Japan—VCCI class 1
- DATACOMM:  
CITT V.24 interchange, V.28  
Electrical Recommendations.  
Approvals pending: Belgium,  
Germany, UK, and Finland.

- Ergonomics:  
Germany—ZH 1/618 "Safety  
Regulations for Display Work  
places in the Office Sector"

## Ordering Information

- C1006A (amber display)
- C1006G (green display)
- C1006W (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 700/43 complies with RFI regulations only when used with these cables.

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