

HEWLETT-PACKARD

HP 700/41

Entry Level ASCII Terminal

The Incomparable ASCII Terminal

The HP 700/41 Display Terminal breaks the quality barrier in entry level ASCII terminals. The HP 700/41 offers a broad range of emulations, providing outstanding functionality and reflecting the superior quality that has made HP terminals the top choice for four years in a row in Datapro's User Survey.†

Accent on Compatibility

The HP 700/41 has nine terminal compatibility modes, so it works with a wide variety of computer systems and software. It is compatible with applications designed for the Wyse WY-30, TeleVideo 905/910+/925E, ADDS Viewpoint A2, Lear Siegler ADM3A/ADM5, Qume QVT-101, or Hazeltine 1500 terminal.

Superlative Ergonomic Design

The HP 700/41 is fashioned with state-of-the-art ergonomics. Its full-featured keyboard with 16 function keys has tactile feedback for a responsive touch. Its crisp characters are displayed on a 14-inch green or amber screen. 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
 - TeleVideo 905, 910+, 925E
 - Lear Siegler ADM 3A, ADM 5
 - 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
 - Green or amber display
 - Tilt and swivel
 - Front panel controls
 - Detached adjustable keyboard
- Additional Features
 - 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 is a product of Wyse Technologies Systems.
TeleVideo 905, 910+ and 925E are products of TeleVideo Systems, Inc.,
ADM 3A and ADM5 are products of Lear Siegler Corporation.
Hazeltine 1500 is a product of Esprit Systems, Inc.
ADDS Viewpoint AZ 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

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Compatibility

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

Display

- CRT: Etched anti-glare 14 in. dia. P31 Green or P194 Amber phosphor.
- Format: 24 lines by 80 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 and national language.
- Cursor: Blinking-underline
- Display Enhancements: Dim, blink, blank, underline, reverse.
- Screen Saver: 5, 10, 15 minutes or off.
- Refresh Rate: 60Hz

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. 114 bytes of non-volatile RAM.
- Operation: Auto-repeat, N-key rollover.

Data Communications

- Interface:
 - Port 1 - RS232C
 - Port 2 - RS232C printer interface
- Baud Rates: 300 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 g²/Hz amplitude, 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:
 - 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

- C1003A (amber display)
- C1003G (green display)

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 700/41 complies with RFI regulations only when used with these cables.

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