

# HEWLETT-PACKARD

## HP 700/71

### IBM 3191 Compatible Terminal

#### The IBM Alternative

The HP 700/71 Display Terminal is your best choice for applications that require IBM 3191 emulation. The HP 700/71 combines Hewlett-Packard's renowned engineering skills with IBM 3191 Display Station compatibility. It reflects the outstanding quality that has made HP terminals the top choice for 4 years in a row in Datapro's User Survey.†

#### Designed for the IBM User

The HP 700/71 has features designed for the most demanding user. You can choose for your keyboard either the 122-key layout or the space-saving 102-key version. User controls, including a security keylock, are located on the front panel for easy access. But convenience and comfort don't stop there. The HP 700/71 provides more ergonomic features to make your work easier.

#### Superb Ergonomics

The HP 700/71's crisp characters are displayed on a 14-inch screen in either amber or green. Its keyboard has tactile feedback for a responsive touch. The tilt and swivel mechanism allows you to position the screen effortlessly. And easy-to-use setup screens simplify terminal configuration. The HP 700/71 also gives you non-volatile memory so you can save your setup information.

#### 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
  - IBM 3191 Models A and B,
  - Display Station compatibility
  - IBM 3270 Information Display System; coax connection
- Ergonomics
  - 14-inch anti-glare screen
  - Green or amber display
  - Tilt and swivel
  - Front panel controls
  - Detached adjustable keyboard
- Keyboards
  - IBM compatible 102 and 122 key layouts
  - 24 function keys for application use
  - National language layouts available
  - Tactile feedback
- Additional Features
  - Easy setup menu
  - Nonvolatile memory for saving setup information
  - Security lock and keys
  - Automatic screen saver
  - 1 year warranty

*IBM 3191 Display Station and IBM 3270 Information Display are products of International Business Machines 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

- IBM 3191 Models A and B

## Display

- CRT: Etched anti-glare, 14 in. dia., P31 Green or P194 Amber phosphor.
- Format: 24 lines × 80 col., 25th status line for status.
- Character Cell: 7×12 character in a 9×15 cell with half-dot shift. Equivalent to 14×12 character matrix in an 18×15 cell for most characters.
- Character Sets: EBCDIC plus 3 ASCII characters; "A", "I", "J".
- Cursor: Underline (blinking or static), block (blinking or static).
- Display Enhancements: High and normal intensity, security.
- Screen Auto Dimming: 10, 30, 60 minutes or off.
- Refresh Rate: 64.3 Hz.

## Keyboard

- Style: Detached, slant adjustable, low profile, coiled cable. Sculptured keys with tactile feedback.
- Layout: 122 Key or 102 key, US/international layouts; typewriter or data entry. Keyboard overlay fits over function keys.
- Function Keys: 24
- Operation: Auto-repeat, N-key rollover.

## Data Communications

- Interface: Coax connector; IBM coax type A.
- Bit Rate: 2.359MHz.

## Physical Characteristics

- Display: (H × W × D): 330 mm × 330 mm × 330 mm, 8.8 Kg
- Keyboard: (H × W × D): (102 key) 35mm × 468mm × 198mm, 1.85 Kg (122 key) 35mm × 515mm × 198mm, 2 Kg
- Keyboard cable: Coiled 0.8m Extended 3.0m

## Power Requirements

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

## Environmental Conditions

- Temperature: Operating: 0°C to 45°C Non-operating: -40°C to 70°C
- Humidity: Operating: 15% to 95% relative humidity at 40°C Non-operating: 90% relative humidity at 65°C
- Shock: 105 g, 3 ms., 65 in./sec, ½ 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—Safety (GS) Mark pending Finland—FEI approval pending International—IEC 380/435
- RFI: United States—FCC Docket 20780 class A Germany—VDE 0871 level B Mark pending Japan—VCCI class 1
- Ergonomics: Germany—2H 1/618 "Safety Regulations for Display Work places in the office sector" pending



## Ordering Information

C1005A HP 700/71 Display Terminal with amber phosphor  
C1005G HP 700/71 Display Terminal with green phosphor

## Required Localization/Keyboard Options\*\*\*

Option #	Country	Keyboard Layout	# Keys
500	US	T **	122
501	US	T **	102
502	US	D **	122
503	US	A **	122
520	LATIN AMERICA	T **	122
530	JAPAN - U.S.*	T **	122
531	JAPAN - U.S.*	T **	102
540	AUSTRALIA - U.S.*	T **	122
541	AUSTRALIA - U.S.*	T **	102

\* U.S. Keyboard, local power cord

\*\* T = Typewriter, D = Data Entry, A = ASCII

\*\*\* European and Republic of South Africa Localizations are available by ordering separate localization kits

## Non-Required Warranty Option:

W03 Convert 1 year warranty to 90 days on-site

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