



**HP D8900A**

**HP 75**

**17-inch Color Monitor**  
**16.0-inch Viewable Image**  
User's Guide

**17-Zoll-Farbbildschirm**  
**16,0 Zoll-Bildanzeige**  
Benutzerhandbuch

**Moniteur couleur 17 pouces**  
**Affichage 16,0 pouces**  
Guide de l'utilisateur

**Pantalla de color de 17 pulgadas**  
**16.0 pulgadas de imagen visualizada**  
Manual del Usuario *Léase esto primero*

**Video a colori da 17 pollici**  
**Immagine visibile da 16 pollici**  
Manuale dell'utente

**Monitor Colorido de 17 polegadas**  
**Imagem Visível de 16.0 polegadas**  
Guia do Usuário



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## Main Features

- High resolution, multi-synchronous color monitor
- 0.26 mm dot pitch for excellent graphics
- Anti-glare, multilayer coating to minimize reflection
- Image adjustment by on screen display menus
- Recommended video mode of 1024×768 at 85 Hz

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# HP D8900A HP 75 17-inch Color Monitor 16.0-inch Viewable Image

## User's Guide

## Important Safety Instructions

Before you plug in your new monitor, read these important safety instructions.

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### **WARNING**

Connect the monitor only to a grounded power outlet. Use the power cord supplied with the monitor or one with a properly grounded plug. Ensure the cable meets your country's standards for safety.

To completely disconnect power at the monitor, remove the power cord from the power outlet. Ensure that the power outlet is easily accessible. Make sure the power to your computer is "off" before connecting or disconnecting any monitor peripheral.

To reduce the risk of electric shock, do not remove cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.

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The monitor is quite heavy (the weight is shown in the technical specifications). We recommend you ask the assistance of a second person when lifting or moving it.

### **Safety Warning for USA**

If the power cord is not supplied with your monitor, select the proper power cord according to your national electric safety codes.

- USA: use a UL Listed Type SVT or Type SJT detachable power cord.

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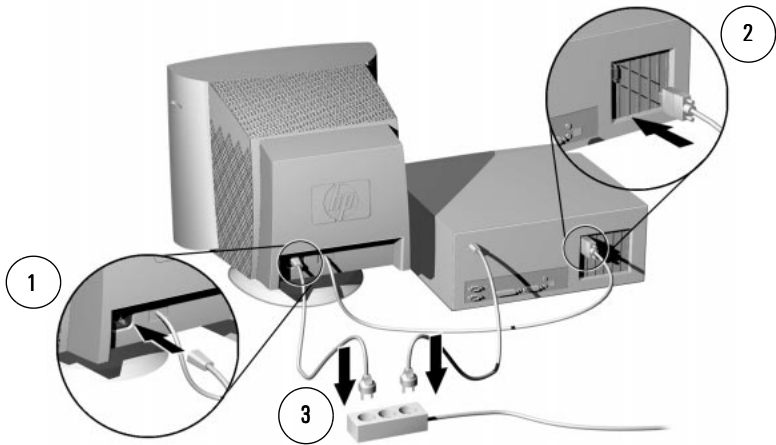
## Setting Up Your Monitor

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**CAUTION**

Before you connect any cables, or install your HP monitor, refer to the safety instructions at the beginning of this manual. Refer to the user manual which accompanies your computer and video adapter to ensure this equipment is correctly installed.

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## Supported Video Modes

Your monitor supports the video modes shown in the table below.

Screen Resolution	Image Refresh Rate
640×400	70 Hz
640×480	75 Hz, 85 Hz
800×600	75 Hz, 85 Hz
1024×768	70 Hz, 75 Hz, 85 Hz
1280×1024	75 Hz

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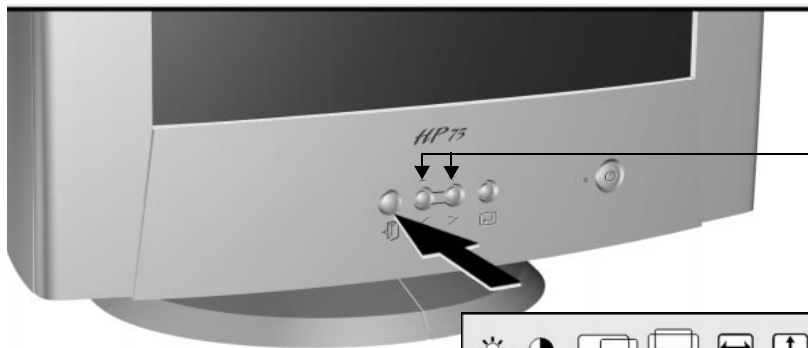
**CAUTION**

Selecting a video mode on your computer with a screen resolution/image refresh rate combination higher than 1280×1024 at 75Hz can damage your monitor.

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## Using Your Monitor



Access the brightness and contrast features directly using the - and + buttons respectively, and adjusting as required.



- 1 Press the →□ button to activate the on screen menu (OSD).
- 2 Use the - or + buttons to scroll to the menu item you require. (For menu items refer to the table on the next page)
- 3 Press the □ button to access the selected menu.
- 4 Use - or + to make your adjustments as required.
- 5 Press →□ to save the new settings and return to the previous menu.

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### **NOTE**

Your monitor is automatically demagnetized each time it is switched ON. This ensures color purity. To maintain color purity, we recommend that each week you switch the monitor off for at least 30 minutes before switching it on again.

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Use the table below to determine which menu item you require:

Menu Item		Use to Adjust...
	<b>Brightness</b>	Brightness (image black level)
	<b>Contrast</b>	Contrast (image white level)
	<b>H-Position</b>	Horizontal Position
	<b>V-Position</b>	Vertical Position
	<b>H-Size</b>	Horizontal Size
	<b>V-Size</b>	Vertical Size
	<b>Pincushion</b>	If the vertical edges appear to curl inwards or outwards
	<b>Display Timing</b>	Displays current setting for horizontal frequency, refresh rate and resolution when highlighted. Press  to display supported resolutions and refresh rates.
	 <b>Color Temperature</b>	Color temperature of your monitor
		Language setting of the OSD
		Set your monitor's OSD to semi-transparent mode
	 <b>V-Moire</b>	Reduce the effects of vertical screen ripple in the displayed image
	 <b>H-Moire</b>	Reduce the effects of horizontal screen ripple in the displayed image
	<b>Degauss</b>	Remove unwanted magnetism that can result in color impurity <sup>1</sup>
	<b>Recall</b>	Revert to preset factory settings. Select <b>Yes</b> when prompted.
	 <b>Pinbalance</b>	If the vertical edges appear to curl to the left or right.
	 <b>Parallelogram</b>	If the vertical edges appear to be tilted to the left or right.
	 <b>Rotation</b>	If the displayed image appears to be rotated.
	 <b>V-Linearity</b>	If the displayed image appears to be compressed at the top or the bottom.
	<b>Trapezoid</b>	If the vertical edges do not appear parallel.

1. Degaussing is accompanied by a brief instability of the displayed image and a slight humming sound.

## Technical Specifications

<b>PICTURE TUBE</b>	Size	17-inch flat screen/ high contrast/ 16.0-inch viewable image
	Dot pitch	0.26 mm
	Face Plate	Anti-glare, anti-static, multi-layer coating
<b>INTERFACE</b>	Fixed Video Cable With 15-pin mini D-SUB Connector	
<b>SCANNING FREQUENCY</b>	Horizontal	30 to 86kHz
	Vertical	50 to 160 Hz
<b>MAX. RESOLUTION (H×V)</b>	1600 × 1200 (60Hz)	
<b>WARM-UP TIME</b>	30 minutes to reach optimum performance level	
<b>PIXEL CLOCK</b>	150 MHz	
<b>IMAGE SIZE</b>	Standard Size: 306(H) × 230(V)mm Maximum Size: 325(H) × 242(V)mm	
<b>POWER MANAGEMENT</b>	On 100W (max)	Constant green LED
	Standby mode 45W (max)	Green blinking LED
	Suspend mode 7W (typical) 15W (max)	Green blinking LED
	Active Off 5W (max)	Green blinking LED
	Off 5W (max)	LED is Off
<b>POWER SOURCE</b>	AC 100 to 240 V, 50/60Hz Current 1.2 A	
<b>OPERATING ENVIRONMENT</b>	Temperature	0 °C to 40 °C
	Humidity	10% RH through 80% RH (without condensation)
<b>STORAGE ENVIRONMENT</b>	Temperature	-20 °C to 45 °C
	Humidity	5% RH through 95% RH (without condensation)
<b>CABINET DIMENSIONS</b>	420(W) × 452(H) × 432(D) mm (with Stand)	
<b>WEIGHT</b>	16.2 kg (Net)	
<b>TILT/SWIVEL STAND</b>	Tilt Angle	- 5° to +13°
	Swivel Angle	+ 45°/-45°
<b>HARDWARE WARRANTY<sup>1</sup></b>	3 years - unless the original end-user customer has otherwise agreed to a shorter of warranty at the time of purchase.	On-site service for first year, and return to an HP or repair-authorized service center for the following two years.

1. See terms and conditions in the HP Hardware Warranty booklet provided separately.

## Regulatory Information

### Notice for the USA: FCC Statement

Federal Communications Commission (FCC) Radio  
Frequency Interference Statement (USA Only)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protections against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try one of more of the following measures:

- Relocate the radio or television antenna.
- Move the computer away from the radio or television.
- Plug the computer into a different electrical outlet, so that the computer and the radio or television are on separate electrical circuits.
- Make sure that all your peripheral devices are also FCC Class B certified.
- Make sure you use only shielded cables to connect peripheral devices to your computer.
- Consult your computer dealer, Hewlett-Packard, or an experienced radio/television technician for help.

### **WARNING**

Hewlett-Packard's system certification tests were conducted with HP-supported peripheral devices and HP shielded cables, such as those you received with your system. Cables used with this computer must be properly shielded to comply with the requirements of the FCC.

Changes or modifications not expressly approved by Hewlett-Packard could void the user's authority to operate the equipment.

### Notice for MPR

Your HP 17.0-inch Color Monitor has been tested according to MPR 1990:8 for Emission properties and meets the guidelines as given by MPR 1990:10 (2.01 - 2.04)

### Notice for Korea

사용자 안내문 (8급 기기)

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### Notice for Canada

This Class "B" digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la Classe B est conforme à la norme NMB-003 du Canada.

**HP 17" Color Monitor User's Guide**  
Regulatory Information

**DECLARATION OF CONFORMITY**  
**According to ISO/IEC Guide 22 and CEN/CENELEC 45014**

**Manufacturer's Name:** HEWLETPACKARD France  
**Manufacturer's Address:** 5, Avenue Raymond Chanas - EYBENS  
38053 GRENOBLE CEDEX 09  
FRANCE

**declares, that the product:**

**Product Name:** HP 75 17-inch Color Monitor  
**Model Number:** D8900A

conforms to the following product specifications:

- **SAFETY** - International: IEC 60950:1991 + A1 + A2 + A3 + A4 / GB4943-1995  
- Europe: EN 60950:1992 + A1 + A2 + A3 + A4
- **EMC** - CISPR 22:1993 + A1 + A2 / EN 55022:1994 + A1 + A2 Class B<sup>1</sup>  
- EN 50082-1:1992  
IEC 801-2:1992 / prEN 55024-2:1992 - 4kV CD, 8 kV AD  
IEC 801-3:1984 - 3V/m  
IEC 801-4:1988 / prEN 55024-4:1992 - 1 kV Power Lines  
- IEC 555-2:1982 + A1:1985 / EN 60555-2:1987  
- IEC 61000-3-3:1994 / EN 61000-3-3:1995  
- GB9254-1988  
- FCC Title 47 CFR, Part 15 Class B<sup>2</sup>  
- ICES-003, Issue 2  
- VCCI-B  
- AS/NZ 3548:1992

Supplementary information: The product herewith complies with the requirements of the following Directives and carries the CE-marking accordingly:  
EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC, both amended by the Directive 93/68/EEC.

<sup>1</sup>The product was tested in a typical configuration with Hewlett-Packard Personal Computer Systems.

<sup>2</sup>This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Grenoble, July 1999

  
Jean Marc JULIA  
Quality Manager

For Compliance Information ONLY, contact:

USA contact: Hewlett Packard Company, Corporate Product Regulations Manager, 3000 Hanover Street, Palo Alto, CA 94304.  
(Phone (415) 857-1501)



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