

HP D5065 Series

L1800

18.1-inch LCD Color Monitor
18.1-inch Viewable Image
User's Guide

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 correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

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

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

Notice for Canada

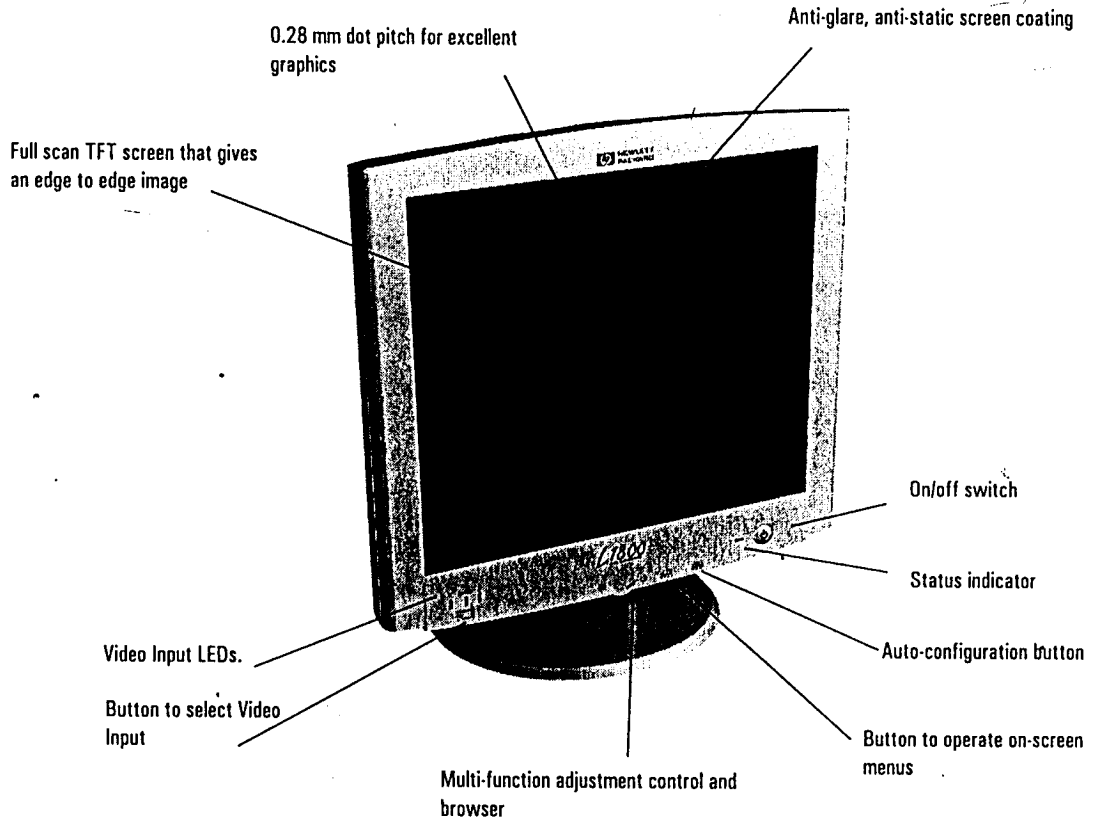
This Class "B" digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la Classe B est conforme à la norme NMB-003 du Canada.

General Notice

The HP D5065 Series 18.1-inch LCD 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).

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HP D5065 Series L1800 18.1-inch LCD Color Monitor

User's Guide



HP 18.1" LCD Color Monitor User's Guide
Important Safety Instructions

Important Safety Instructions

Please read these safety instructions and the safety instructions contained in your *Quick Setup Guide* before plugging in your new monitor.

WARNING

Use only the AC/DC adapter supplied with the product. Connect the monitor to a grounded power outlet. Use the power cord supplied with this monitor or one with a properly grounded plug. Ensure that 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.

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.

CAUTION

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

USA and Canada

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

- USA: use a UL Listed type SVT detachable power cord
- Canada: use a CSA certified detachable power cord.

Si le cordon secteur n'est pas livré avec votre moniteur, utiliser un cordon secteur en accord avec votre code électrique national.

- USA: utiliser un cordon secteur UL Listé de type SVT.
- Canada: utiliser un cordon secteur certifié CSA.



What Your New Monitor Offers

Your HP monitor is a 18.1-inch (diagonal, and viewable image), high resolution, liquid crystal multi-synchronous color monitor. Multi-synchronous means that the monitor supports a large range of video modes (see "Supported Video Modes" on page 16). It is optimized to be used with all Hewlett-Packard computers.

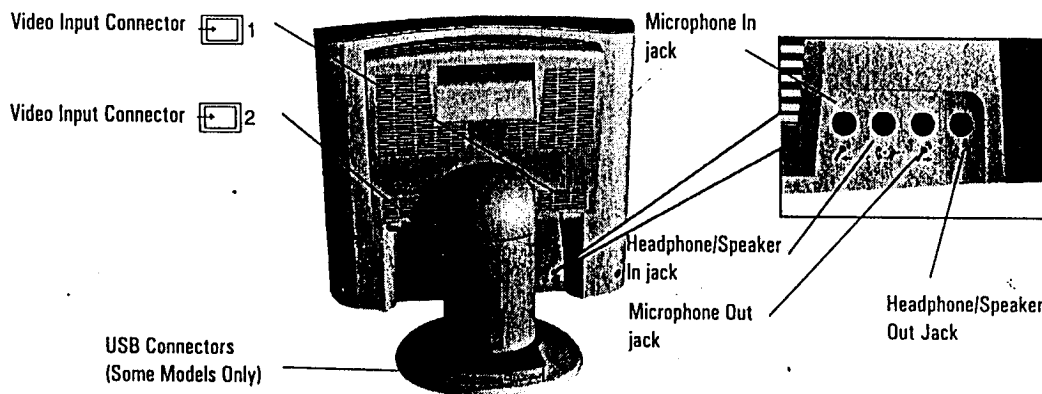
Your HP LCD color monitor has the following features:

- A 18.1-inch Thin Film Transistor (TFT) liquid crystal display. It has a non-glare, antistatic screen coating.
- Large viewing angle.
- Support of video modes up to 1280 × 1024 at a 75 Hz refresh rate.
- Hot key auto-configuration of display position, clock and phase.
- Power management system (VESA¹ standard) controlled from suitably equipped HP computers to automatically reduce the power consumption of the monitor. Complies with the Energy Star Computers Program initiated by the US EPA² specification for energy efficient monitors. As an Energy Star Partner, Hewlett-Packard has determined that this product meets the Energy Star guidelines for energy efficiency.³
- Plug and Play capability (compliant with VESA DDC1, DDC2B and DDC2B standards) that enables the monitor to identify itself to suitably equipped HP computers.
- Your HP monitor complies with ISO 9241-3/8 and ZH-1/618 ergonomic standards.
- Your HP monitor complies with TCO 99 requirements.
- USB-Hub (Universal Serial Bus-Hub) integrated in the monitor base (some models only). Allows you to connect one up- and 4 downstream USB devices.
- Two signal connectors on the rear panel enabling connection to two computers.
- Slot for security lock.
- A programmable sleep mode timer which can prolong the life of your monitor.

1. VESA is the Video Electronics Standards Association
2. The US EPA is the United States Environmental Protection Agency
3. ENERGY STAR is a US registered service mark of the US EPA.

Connecting Additional Devices to Your Monitor

The following diagram indicates additional devices that can be connected. Please refer to your *Quick Setup Guide* (Step 3 - Connecting the Cables) before connecting any additional devices.



Connecting Two Computers

Your LCD monitor has two signal connectors located on the rear panel (see "Selecting Video Input" on page 11). This enables you to connect your monitor to two computers at the same time.

USB Connectors (Models A & E Only)

A USB-Hub is integrated in the base of your monitor stand. USB connectors automate peripheral connection by using plug and play install procedures. Connect your USB device to your computer as indicated in the *Quick Setup Guide*. Connect USB compatible plug and play devices such as a keyboard, mouse, joystick or digital USB camera (if supported by your computer) to any of the four remaining downstream connectors.

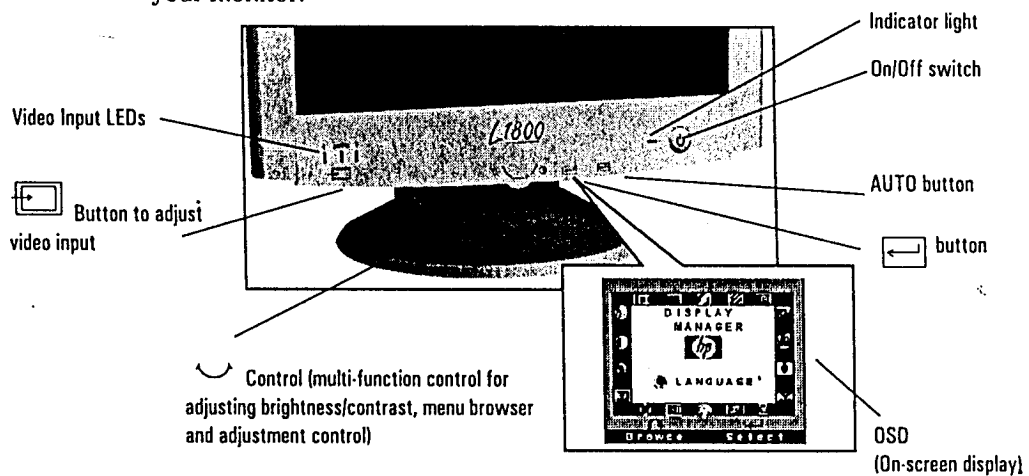
Connecting Headphones/Speakers and a Microphone

Your monitor provides headphone/speaker and microphone sockets on the rear panel.

HP 18.1" LCD Color Monitor User's Guide
Configuring Your Monitor

Configuring Your Monitor

You can auto configure your monitor, adjust contrast and brightness and select a video input channel using the controls located on the front panel of your monitor.



Adjustments to the LCD monitor's features are made from the OSD (on-screen display).

- 1 Press to enter the OSD main menu.
- 2 Select the feature you require using the control, then press to confirm your selection.

NOTE

To exit the main menu select EXIT from the OSD main menu. You can exit all menus at any time by double clicking the button.

Changing the Language of your OSD

Your OSD operates in several different languages.

To change the language of your OSD main menu:

- 1 Select from the OSD menu, then press to enter the LANGUAGE submenu.
- 2 Select a language from the list using the control, then press to confirm your selection and return to the main menu.

HP 18.1" LCD Color Monitor User's Guide
Supported Video Modes

Supported Video Modes

Your monitor comes with the preset modes shown in the table below.

Screen Resolution	Image Refresh Rate
640x350	70 Hz
640x480	60 Hz, 75 Hz, 85 Hz
720x400	70 Hz
800x600	60 Hz, 75 Hz, 85 Hz
832x624	75 Hz
1024x768	60 Hz, 75 Hz, 85 Hz
1152x870	75 Hz
1152x900	66 Hz
1280x1024	60 Hz, 75 Hz

NOTE

Selecting a combination of screen resolution/image refresh rate higher than 1280x1024 at 75 Hz can damage your monitor.

If you select a video mode not supported by your monitor the message **NON SUPPORTED VIDEO MODE** is displayed.



Technical Specifications

LIQUID CRYSTAL MONITOR	Size	18.1-inch diagonal and viewable image
	Type	TFT liquid crystal display
	Pixel pitch	SXGA 1280x1024 pixels (R,G,B)
INPUT SIGNAL	Video	0.7 Vp p analog RGB
	Synchronization	Separated H/V (TTL level)
INTERFACE	Input Connector	15-pin mini D-SUB
SCANNING FREQUENCY	Horizontal	30 to 80kHz
	Vertical	56 to 85Hz
MAX. RESOLUTION (H x V)	1280 x 1024 (75 Hz)	
IMAGE SIZE	359(H) x 287(V) mm	
POWER SOURCE	AC/DC ADAPTER	Input Rating: 100-240V ~, 2.0-1.0A, Output: 12V --- 5.8A Frequency: 50/60 Hz
		Power Consumption: less than 60W in Operating Mode; less than 70W with USB
OPERATING ENVIRONMENT	Temperature	10 °C to 35°C (operating)
	Humidity	20% RH through 80% RH (without condensation)
STORAGE ENVIRONMENT	Temperature	- 10 °C to + 60 °C (storage)
	Humidity	5% RH through 95% RH (without condensation)
DIMENSIONS	Cabinet: 385(H) x 436(W) x 81(D) Footprint: 313(W) x 245(D)	
CABINET WEIGHT	With Stand: 12kg (24.25 lbs) Without Stand: 9.5kg(20.94lbs)	
TILT/SWIVEL STAND	Tilt Angle	- 5° to + 25°
	Swivel Angle	±30°