HP LP3065 30" LCD Monitor

User Guide

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About This Guide

This guide provides information on setting up the monitor, installing drivers, using the on-screen display menu, troubleshooting and technical specifications.

WARNING! Text set off in this manner indicates that failure to follow directions could result in bodily harm or loss of life.

CAUTION Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.

NOTE Text set off in this manner provides important supplemental information.

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1 Product Features

HP LP3065

The flat panel monitor has an active matrix, thin-film transistor (TFT), liquid crystal display (LCD). The monitor features include:

- 30–inch (76.2 cm) viewable area display with 2560 x 1600 resolution
- Wide viewing angle to allow viewing from a sitting or standing position, or moving side-to-side
- Tilt, swivel, and height adjustment capabilities
- Removable stand with quick release mechanism and VESA 100mm mounting holes for flexible mounting solutions
- Three DVI-D inputs
- Two DVI-D video cables
- USB 2.0 hub with one upstream (connects to the computer) and four downstream (connects to USB devices) ports
- USB cable included to connect the monitor's USB hub to the USB connector on the computer
- Accessory rail on monitor to accept optional mounted devices, such as an HP speaker bar
- Plug and play capability if supported by your system
- Software and documentation CD that includes monitor driver software and product documentation
- Energy saver feature to meet requirements for reduced power consumption
- Compliant with the following regulated specifications:
  - European Union CE Directives
  - Swedish MPR II 1990
  - Swedish TCO Requirements

2 Safety and Maintenance Guidelines

Important Safety Information

A power cord is included with the monitor. If another cord is used, use only a power source and connection appropriate for this monitor. For information on the correct power cord set to use with the monitor, refer to the Power Cord Set Requirements section in Appendix C.

WARNING! To reduce the risk of electric shock or damage to the equipment:

• Do not disable the power cord grounding feature. The grounding plug is an important safety feature.

• Plug the power cord in a grounded (earth) outlet that is easily accessible at all times.

• Disconnect power from the product by unplugging the power cord from the electrical outlet.

For your safety, do not place anything on power cords or cables. Arrange them so that no one may accidentally step on or trip over them. Do not pull on a cord or cable. When unplugging from the electrical outlet, grasp the cord by the plug.

To reduce the risk of serious injury, read the *Safety and Comfort Guide*. It describes proper workstation, setup, posture, and health and work habits for computer users, and provides important electrical and mechanical safety information. This guide is located on the Web at http://www.hp.com/ergo and/or on the documentation CD, if one is included with the monitor.

CAUTION For the protection of the monitor, as well as the computer, connect all power cords for the computer and its peripheral devices (such as a monitor, printer, scanner) to some form of surge protection device such as a power strip or Uninterruptible Power Supply (UPS). Not all power strips provide surge protection; the power strips must be specifically labeled as having this ability. Use a power strip whose manufacturer offers a Damage Replacement Policy so you can replace the equipment, if surge protection fails.

Maintenance Guidelines

To enhance the performance and extend the life of your monitor:

- Do not open your monitor cabinet or attempt to service this product yourself. Adjust only those controls that are covered in the operating instructions. If your monitor is not operating properly or has been dropped or damaged, contact your HP authorized dealer, reseller, or service provider.
- Use only a power source and connection appropriate for this monitor, as indicated on the label/back plate of the monitor.
- Be sure the total ampere rating of the products connected to the outlet does not exceed the current rating of the electrical outlet, and the total ampere rating of the products connected to the cord does not exceed the rating of the cord. Look on the power label to determine the ampere rating (AMPS or A) for each device.
- Install your monitor near an outlet that you can easily reach. Disconnect the monitor by grasping the plug firmly and pulling it from the outlet. Never disconnect the monitor by pulling the cord.
- Turn your monitor off when not in use. You can substantially increase the life expectancy of your monitor by using a screen saver program and turning off the monitor when not in use.
- Slots and openings in the cabinet are provided for ventilation. These openings must not be blocked or covered. Never push objects of any kind into cabinet slots or other openings.
- Do not drop your monitor or place it on an unstable surface.
- Do not allow anything to rest on the power cord. Do not walk on the cord.
- Keep your monitor in a well-ventilated area, away from excessive light, heat or moisture.
- When removing the monitor base, you must lay the monitor face down on a soft area to prevent it from getting scratched, defaced, or broken.

Cleaning the Monitor

1. Turn off the monitor and the computer.
2. Unplug the monitor from the wall outlet.
3. Clean the monitor plastics with a clean cloth dampened with water.
4. Clean the monitor screen with an antistatic screen cleaner.

CAUTION Do not use benzene, thinner, ammonia, or any other volatile substances to clean your monitor or the screen. These chemicals may damage the cabinet finish as well as the screen.

Shipping the Monitor

Keep the original packing box in a storage area. You may need it later if you move or ship your monitor.

3 Setting Up the Monitor

To set up the monitor, ensure that the power is turned off to the monitor, computer system, and other attached devices, then follow the instructions below.

NOTE Be sure the master power switch, located on the rear panel of the monitor, is in the off position. The master power switch turns off all power to the monitor.

Installing the Monitor Pedestal Base

NOTE Do not install the pedestal if the monitor will be used on a wall, swing arm, or other mounting fixture; instead see the section on Mounting the Monitor in this chapter.

1. Using both hands, position the monitor over the pedestal base.

   CAUTION Do not touch the surface of the LCD panel. Pressure on the panel may cause non-uniformity of color or disorientation of the liquid crystals. If this occurs the screen will not recover to its normal condition.

2. Press down firmly on the monitor to lock the pedestal base in place. When the base locks, it will make a clicking sound.

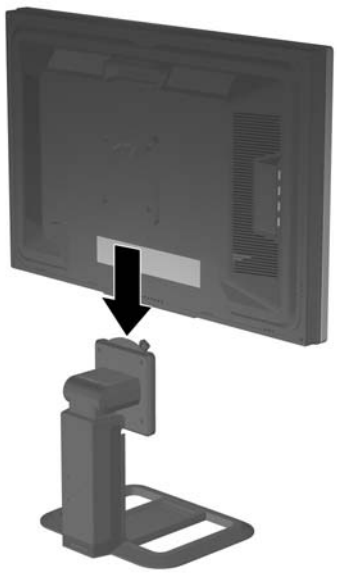


Figure 3-1 Inserting the Monitor into the Pedestal Base

NOTE Be sure the pedestal base is securely locked before continuing with the setup.

Rear Components

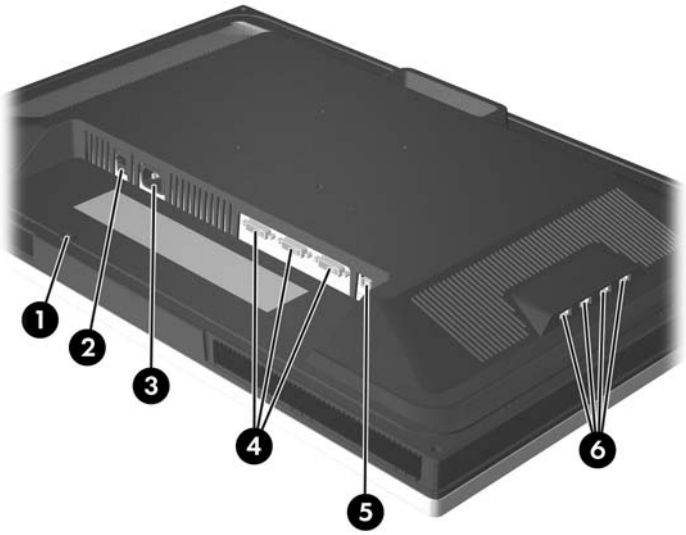


Figure 3-2 Rear Components

Component		Function
1	Cable Lock Provision	Provides slot for use with cable security locks.
2	Master Power Switch	Turns off all power to the monitor.
3	AC Power Connector	Connects the AC power cord to the monitor.
4	DVI-D Connectors	Connects the DVI-D signal cable to the monitor.
5	USB Upstream Connector	Connects the monitor USB hub to a host USB port/hub.
6	USB Downstream Connectors	Connects optional USB devices to the monitor.

Selecting the Signal Connectors and Cables

The monitor features two DVI-D dual-link connectors capable of supporting high resolution digital input.

NOTE The high resolution of the monitor requires a dual-link DVI-D input signal. The monitor can only display a 2560 x 1600 resolution; therefore, the computer must support a high-performance video card that is capable of scaling all video modes to 2560 x 1600. The monitor does not support a VGA (analog) video signal input.

Connect one of the DVI-D signal cables provided to the DVI-D connector on the monitor and the other end to the DVI-D connector on the computer.

The monitor will automatically determine which inputs have valid video signals. The inputs can be selected by pressing the Input button on the front panel. Refer to the Front Panel Controls section for more information.

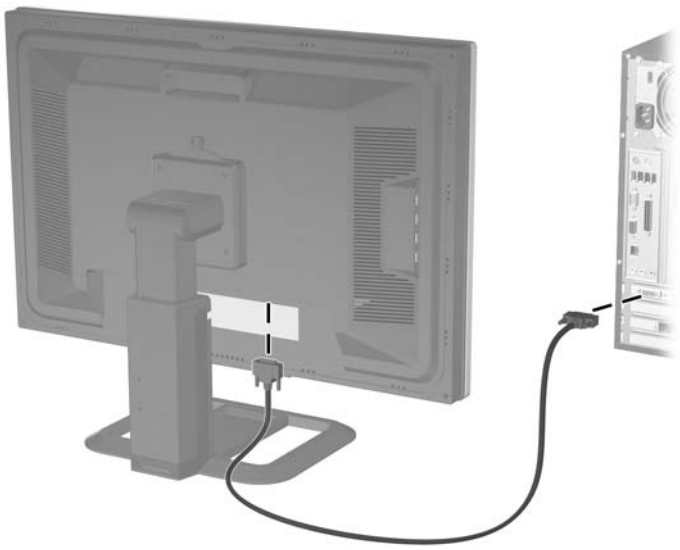


Figure 3-3 Connecting the DVI-D Signal Cable

Connecting the Monitor

1. Place the monitor in a convenient, well-ventilated location near your computer.
2. Connect one end of the USB hub cable to the USB connector on the rear panel of the computer, and the other end to the upstream USB connector on the monitor.

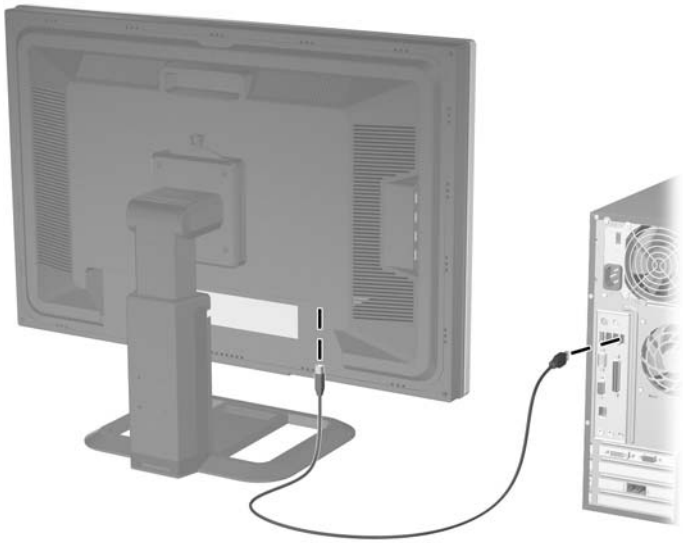


Figure 3-4 Connecting the USB Cable

WARNING! To reduce the risk of electric shock or damage to the equipment:

• Do not disable the power cord grounding feature. The grounding plug is an important safety feature.

• Plug the power cord in a grounded (earth) outlet that is easily accessible at all times.

• Disconnect power from the product by unplugging the power cord from the electrical outlet.

For your safety, do not place anything on power cords or cables. Arrange them so that no one may accidentally step on or trip over them. Do not pull on a cord or cable. When unplugging from the electrical outlet, grasp the cord by the plug.

3. Connect one end of the power cable to the AC power connector on the back of the monitor, and the other end to an electrical wall outlet.

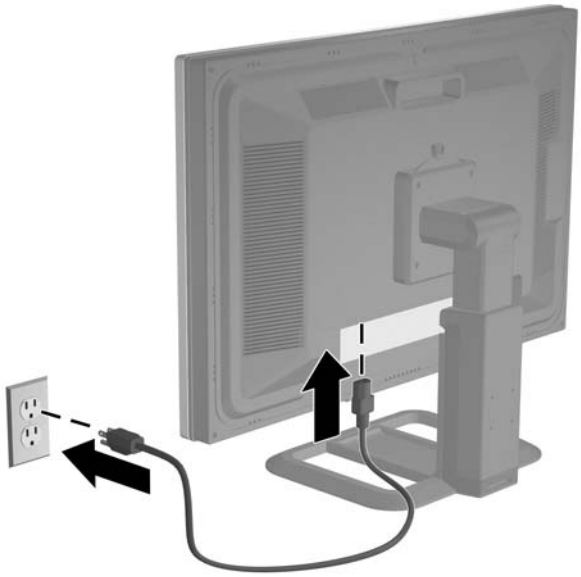


Figure 3-5 Connecting the Power Cable

4. Place the cables through the cable management channel on the back of the pedestal base.

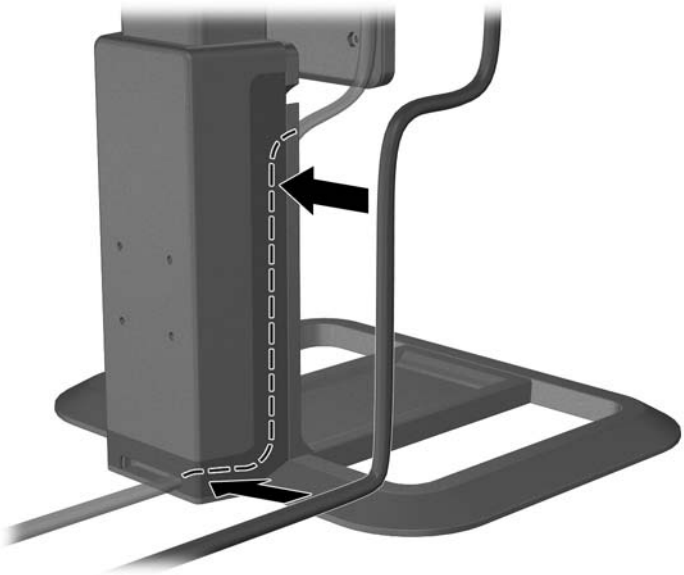


Figure 3-6 Using the Cable Management Feature

Adjusting the Monitor

1. Adjust the monitor's panel forward or backward to set it to a comfortable eye level.

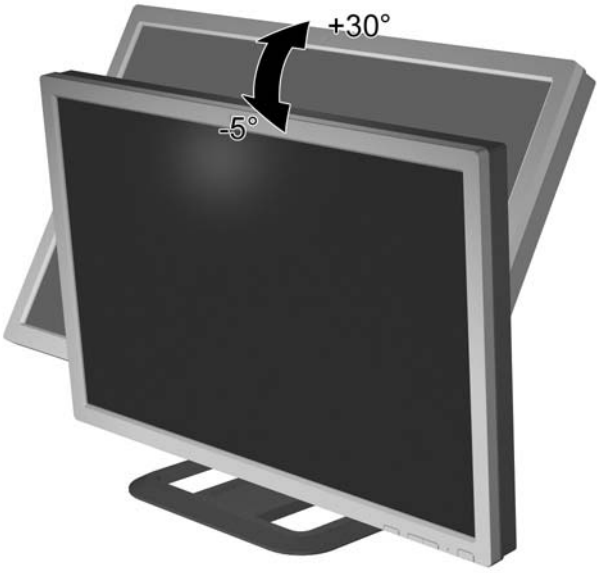


Figure 3-7 Tilting the Monitor

2. Swivel the monitor to the left or right for the best viewing angle.

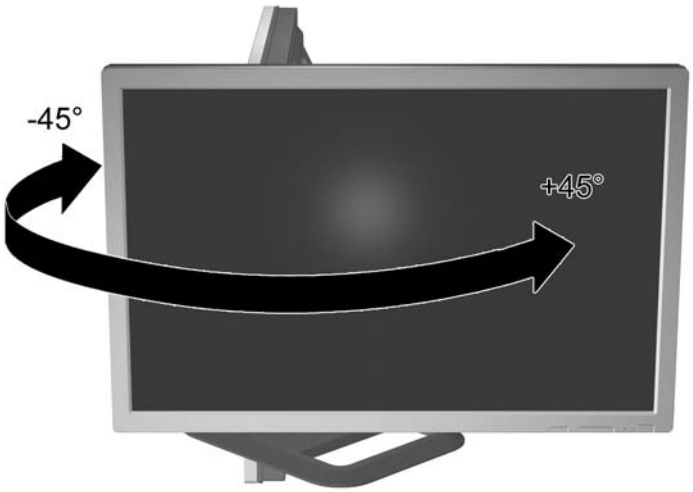


Figure 3-8 Swiveling the Monitor

3. Adjust the monitor's height so that it is parallel to your eye height for a comfortable viewing position.

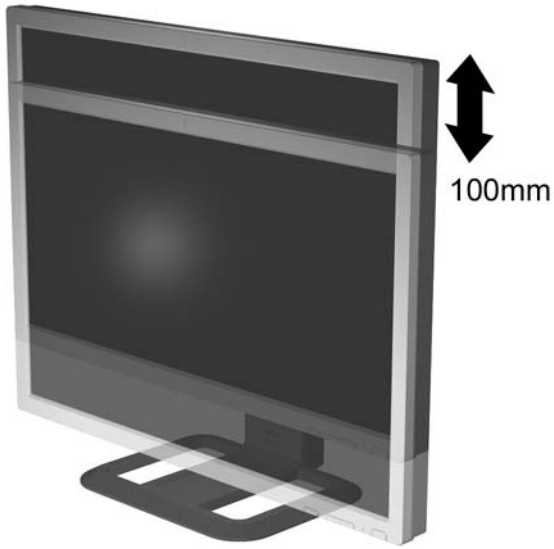


Figure 3-9 Adjusting the Height

NOTE If the display head is locked in the lowest height position, push down on the display head, press the button on the base to unlock, and then lift the monitor display head to the desired height.

Turning on the Monitor

1. Press the power switch to turn on the computer.
2. Press the master power switch on the rear of the LCD.
3. Press the power button on the front of the monitor.

CAUTION Burn-in image damage may occur on monitors that display the same static image on screen for a prolonged period of time.* To avoid burn-in image damage on your monitor screen, you should always activate a screen saver application or turn off the monitor when it is not in use for a prolonged period of time. Image retention is a condition that may occur on all LCD screens.

* A prolonged period of time is 12 consecutive hours of non-use.

Connecting USB Devices

The monitor provides four USB connectors on the side panel to connect devices such as a digital camera, USB keyboard, or USB mouse.

NOTE You must connect the USB hub cable from the monitor to the computer to enable the USB 2.0 ports on the monitor. Refer to Step 2 in Connecting the Monitor.

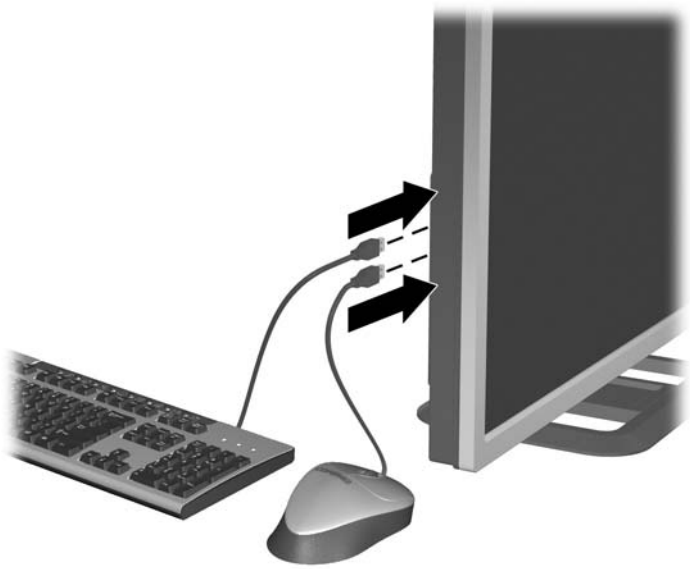


Figure 3-10 Connecting USB Devices

Using the Accessory Rails

The monitor features accessory rails on the rear that may be used to mount optional devices, such as the HP speaker bar, to attach to the LCD. Refer to the documentation included with your optional device for detailed mounting instructions.

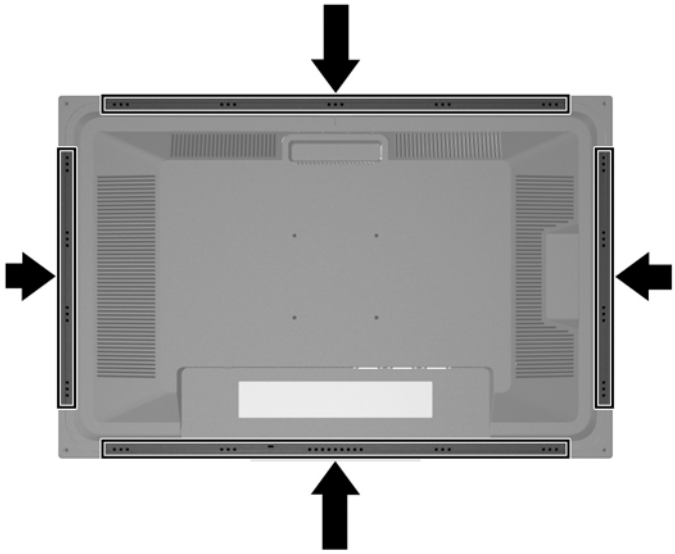


Figure 3-11 Using the Accessory Rails Feature

Removing the Monitor Pedestal Base

You can remove the monitor pedestal to mount the monitor on a wall, a swing arm, or other mounting fixture.

CAUTION Before beginning to disassemble the monitor, be sure the monitor is turned off and the power and signal cables are both disconnected. If your monitor has a connected audio cable, disconnect it.

1. Disconnect and remove the signal and power cables from the back of the monitor.
2. Slide the quick release latch (1) on the pedestal base to the side (either right or left).
3. Pull up on the monitor display head (2) to remove it from the base.

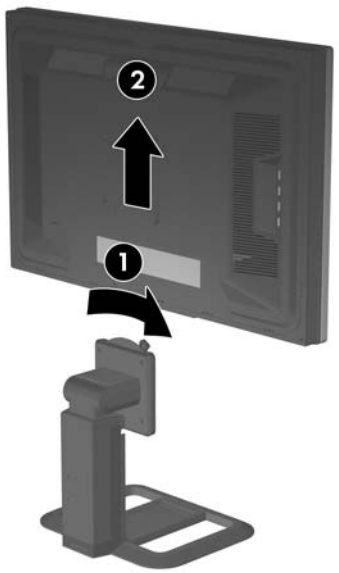


Figure 3-12 Removing the Monitor from the Pedestal Base

Mounting the Monitor

1. Remove the monitor pedestal base. Refer to Removing the Monitor Pedestal Base in the previous section.

   CAUTION This monitor supports the VESA industry standard 100mm mounting holes. To attach a third party mounting solution to the monitor, four 4mm, 0.7 pitch, and 10mm long screws are required (not provided with the monitor). Longer screws should not be used because they may damage the monitor. It is important to verify that the manufacturer's mounting solution is compliant with the VESA standard and is rated to support the weight of the monitor display panel. For best performance, it is important to use the power and video cable provided with the monitor.

2. Remove the HP Quick Release from the pedestal base by removing the four screws.

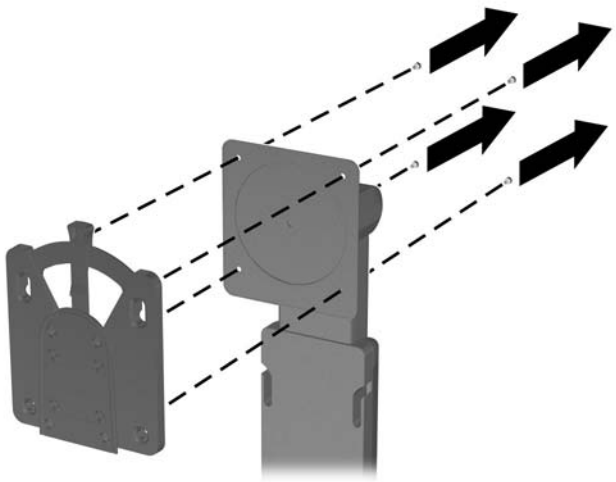


Figure 3-13 Removing the HP Quick Release from the Pedestal Base

3. Mount the Quick Release to a swing arm or other mounting fixture using the four screws removed from the Quick Release in the previous step.

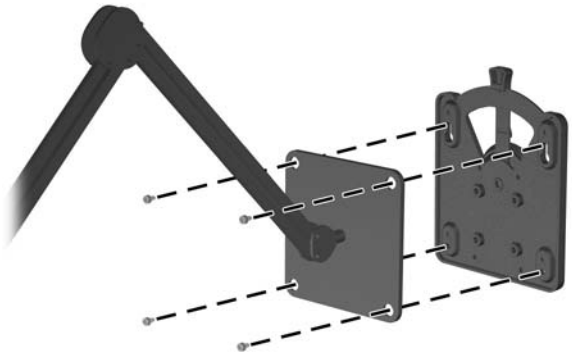


Figure 3-14 Installing the Quick Release

CAUTION The Quick Release can also be installed directly to a wall to mount the monitor panel. It is designed to support a maximum of up to 24 lbs. (10.9 kg). If you are mounting to a wall, HP recommends that you consult with a qualified engineering, architectural, or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

4. Insert the monitor into the Quick Release, and then press down firmly on the monitor to lock it in place. When the Quick Release locks, it will make a clicking sound.

Figure 3-15 Inserting the Monitor Panel into the Quick Release

Locating the Rating Labels

The rating labels on the monitor provide the spare part number, product number, and serial number. You may need these numbers when contacting HP about your monitor model. The rating labels are located on the rear panel of the monitor display head.

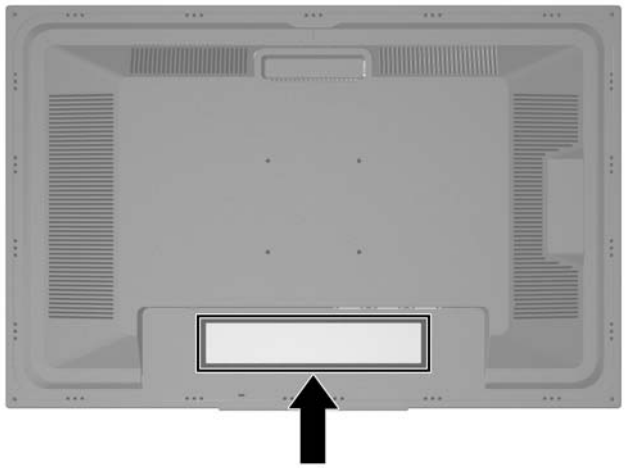


Figure 3-16 Locating the Rating Labels

4 Operating the Monitor

Software and Utilities

The CD that comes with the monitor contains files you can install on your computer:

- an .INF (Information) file
- an .ICM (Image Color Matching) file
- additional software for the monitor model

Adobe Reader is supplied on this CD and can be installed from the menu.

NOTE If the monitor does not include a CD, the .INF and .ICM files can be downloaded from the HP monitors support Web site. See Downloading from the Worldwide Web in this chapter.

The Information File

The .INF file defines monitor resources used by Microsoft Windows operating systems to ensure monitor compatibility with the computer's graphics adapter.

This monitor is Microsoft Windows Plug and Play compatible and the monitor will work correctly without installing the .INF file. Monitor Plug and Play compatibility requires that the computer's graphic card is VESA DDC2 compliant and that the monitor connects directly to the graphics card. Plug and Play does not work through separate BNC type connectors or through distribution buffers/boxes.

The Image Color Matching File

The .ICM files are data files that are used in conjunction with graphics programs to provide consistent color matching from monitor screen to printer, or from scanner to monitor screen. The .ICM file contains a monitor color system profile. This file is activated from within graphics programs that support this feature.

NOTE The ICM color profile is written in accordance with the International Color Consortium (ICC) Profile Format specification.

Installing the .INF and .ICM Files

After you determine that you need to update, you can install the .INF and .ICM files from the CD or download them.

Installing from the CD

To install the .INF and .ICM files on the computer from the CD:

1. Insert the CD in the computer CD-ROM drive. The CD menu displays.
2. View the “Monitor Driver Software Readme” file.
3. Select “Install Monitor Driver Software.”
4. Follow the on-screen instructions.
5. After the software has been installed, restart Windows.
6. Ensure that the proper resolution and refresh rates appear in the Windows Display control panel.

NOTE You may need to install the digitally signed monitor .INF and .ICM files manually from the CD in the event of an installation error. Refer to the Monitor Driver Software Readme file on the CD.

Downloading from the Worldwide Web

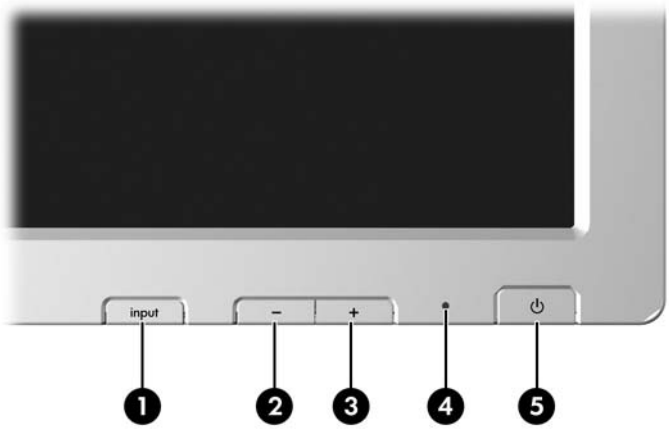
To download the latest version of .INF and .ICM files from the HP monitors support Web site:

1. Refer to http://www.hp.com/support and select your country region.
2. Follow the links for your monitor to the support page and download page.
3. Ensure your system meets the requirements.
4. Download the software by following the instructions.

Front Panel Controls

Table 4-1 Monitor Front Panel Controls

Control		Function
1	Input	Selects the video input (DVI-D #1, DVI-D #2, or DVI-D #3)
2	– (Minus)	Reduces the brightness setting.
3	+ (Plus)	Increases the brightness setting.
4	Power LED	Sleep mode — amber Flashing green — non-supported video mode and when the brightness is being adjusted and the upper or lower limit has been reached Steady green — when monitor is displaying a supported mode (LED automatically turns off after 30 seconds)
5	Power	Turns the monitor on or off.



NOTE The monitor does not support an On-Screen Display (OSD) menu.

HP Display LiteSaver

HP Display LiteSaver is a software application, available on the CD, that increases monitor life and saves energy. It allows you to place your monitor into its low power sleep mode at predefined times by shutting down or reducing power to most internal circuits. This helps protect the LCD panel against image retention. Image retention can occur when the monitor is left on while displaying the same image for an extended period of time, leaving a shadow of the image on the screen.

Installing the HP Display LiteSaver Software

1. Insert the CD in the computer CD-ROM Drive. The CD menu displays.
2. Select **Install HP Display LiteSaver Software**.
3. After installing the software, click the **HP Display LiteSaver** icon in the Windows system tray or right-click the icon and select **Configure...** from the pop-up menu.
4. Select the following options to configure the HP Display LiteSaver features:

Table 4-2 HP Display LiteSaver Configuration Options

Select This Option	To Do This
Enable Display LiteSaver	Enables the HP Display LiteSaver functions; deselect to disable the HP Display LiteSaver.
Display Off	Sets the time when the monitor automatically turns off. This does not affect screen saver operation, which has priority over the HP Display LiteSaver.
Display On	Sets the time when the monitor automatically turns on. This does not affect screen saver operation, which has priority over the HP Display LiteSaver.
Activity Extension	Sets the time in minutes before the monitor turns off if there is any keyboard or mouse activity after the Display Off time is reached. If the keyboard or mouse is used, then HP Display LiteSaver waits until the set amount of time before turning the display off again. Set to 0 to disable. If

Table 4-2 HP Display LiteSaver Configuration Options (continued)

Select This Option	To Do This
	disabled, the monitor will turn off as soon as the Display Off time is reached, regardless of keyboard or mouse activity.
Show 1 minute Display Off Notice	Displays a popup message in the system tray 1 minute before the monitor is turned off by HP Display LiteSaver.
Status	Shows the time until the monitor is next due to be turned off by HP Display LiteSaver.
OK	Stores the current settings and minimizes HP Display LiteSaver to the System Tray.
Cancel	Restores the previous settings and minimizes HP Display LiteSaver to the System Tray. HP Display LiteSaver will continue to run.
Help	Opens the online help file.
Exit	Exits and closes the HP Display LiteSaver. It will no longer control the monitor power until it is next run.

View *HP Display LiteSaver Readme* on the CD for additional information on how to configure the HP Display LiteSaver.

A Troubleshooting

Solving Common Problems

The following table lists possible problems, the possible cause of each problem, and the recommended solutions.

Problem	Possible Cause	Solution
Screen is blank and no LED.	No AC power.	Connect the power cable connections and make sure the master power switch is set to the ON position.
HP Display LiteSaver doesn't turn off the monitor screen.	The Activity Extension time has not elapsed.	The default Activity Extension value is set to 10 minutes. The HP Display LiteSaver will wait to detect no input or movement from the keyboard or mouse for 10 consecutive minutes after the Display Off time has passed, before the monitor enters into low-power mode. For example, if the Display Off time is set to 5 minutes from the current time and the Activity Extension is set to 10 minutes, the HP Display LiteSaver will not actually turn off the display until 10 minutes of inactivity has elapsed, even though the Display Off time is 5 minutes from now.
No video displayed and flashing green LED.	Video card must support dual-link DVI and the input signal must be set correctly.	Set input signal to 2560 x 1600 at 60 Hz. Confirm the video card and video cable support Dual-Link DVI-D. Use only the DVI-D video cables supplied with the monitor.
Brightness is too high or low.	Brightness adjustment is not set correctly.	Adjust the brightness setting using the– (Minus) and + buttons.

Using the Worldwide Web

For the online access to technical support information, self-solve tools, online assistance, community forums of IT experts, broad mutlivendor knowledge base, monitoring and diagnostic tools, go to http://www.hp.com/support

Preparing to Call Technical Support

If you cannot solve a problem using the trouble shooting tips in this section, you may need to call technical support. Have the following information available when you call:

- The monitor
- Monitor model number
- Serial number for the monitor
- Purchase date on invoice
- Conditions under which the problem occurred
- Error messages received
- Hardware configuration
- Hardware and software you are using

B Technical Specifications

NOTE All performance specifications are provided by the component manufacturers. Performance specifications represent the highest specification of all HP's component manufacturers' typical level specifications for performance and actual performance may vary either higher or lower.

LP3065 Model

Table B-1 LP3065 Specifications

Display	30 inches	76.2 cm
Type	TFT LCD	
Viewable Image Size	30–inch diagonal	76.2 cm
Tilt	-5 to 30°	
Swivel	-45 to 45°	
Maximum Weight (Unpacked)	30.64 lbs.	13.9 kg
Dimensions (include base with height adjustment at lowest)		
Height	19.29 inches	490 mm
Depth	9.45 inches	240 mm
Width	27.24 inches	692 mm
Supported Graphics Resolution	2560 x 1600 (60Hz) digital input	
Dot Pitch	0.258 (H) x 0.258 (W) mm	
Horizontal Frequency	100 kHz	
Vertical Refresh Rate	60 Hz	
Environmental Requirements		
Temperature		
Operating Temperature	41 to 86° F	5 to 30° C
Storage Temperature	-4 to 140° F	-20 to +60° C
Relative Humidity	20 to 80%	
Power Source	100 — 240 VAC, 50/60 Hz	

Table B-1 LP3065 Specifications (continued)

Altitude:		
Operating	0 to 12,000 feet	0 to 3657.6 m
Storage	0 to 40,000 feet	0 to 12192 m
Power Consumption (maximum)	<176 watts	
Input Terminal	Three DVI-D connectors with two DVI-D cables included.	

Energy Saver Feature

When the monitor is in its normal operating mode, the monitor uses <176 watts of power and the Power light is green.

The monitor also supports a reduced power state. The reduced power state will be entered into if the monitor detects the absence of the signal. Upon detecting the absence of the signal, the monitor screen is blanked, the backlight is turned off, and the power light is turned amber. When the monitor is in the reduced power state, the monitor will utilize less than 2 watts of power. There is a brief warm up period before the monitor will return to its normal operating mode.

Refer to your computer manual for instructions on setting energy saver features (sometimes called power management features).

NOTE The above power saver feature only works when connected to computers that have energy saver features.

By selecting the settings in the monitor's Energy Saver utility, you can also program the monitor to enter into the reduced poser state at a predetermined time. When the monitor's Energy Saver utility causes the monitor to enter the reduced power state, the power light blinks amber.

C Agency Regulatory Notices

Federal Communications Commission Notice

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 protection 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 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 or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Hewlett Packard Company may void the user's authority to operate the equipment.

Cables

Connections to this device must be made with shielded cables with metallic RFI/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

Declaration of Conformity for Products Marked with the FCC Logo (United States Only)

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.

For questions regarding your product, contact:

Hewlett Packard Company

P. O. Box 692000, Mail Stop 530113

Houston, Texas 77269-2000

Or, call 1-800-HP-INVENT (1-800 474-6836)

For questions regarding this FCC declaration, contact:

Hewlett Packard Company

P. O. Box 692000, Mail Stop 510101

Houston, Texas 77269-2000

Or, call (281) 514-3333

To identify this product, refer to the Part, Series, or Model number found on the product.

Canadian Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Avis Canadien

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Union Regulatory Notice

This product complies with the following EU Directives:

- Low Voltage Directive 73/23/EEC
- EMC Directive 89/336/EEC

Compliance with these directives implies conformity to applicable harmonized European standards (European Norms) which are listed on the EU Declaration of Conformity issued by Hewlett-Packard for this product or product family.

This compliance is indicated by the following conformity marking placed on the product:

This marking is valid for non-Telecom products and EU harmonized Telecom products (e.g. Bluetooth)	This marking is valide for EU non-harmonized Telecom products. *Notified body number (used only if applicable — refer to the product label).

Hewlett-Packard GmbH, HQ-TRE, Herrenberger Strasse 140, 71034 Boeblingen, Germany

Japanese Notice

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取扱説明書に従って正しい取り扱いをして下さい。

Korean Notice

B급 기기 (가정용 정보통신기기)

이 기기는 가정용으로 전자파적합등록을 한 기기로서
주거지역에서는 물론 모든지역에서 사용할 수 있습니다.

Power Cord Set Requirements

The monitor power supply is provided with Automatic Line Switching (ALS). This feature allows the monitor to operate on input voltages between 100–120V or 200–240V.

The power cord set (flexible cord or wall plug) received with the monitor meets the requirements for use in the country where your purchased the equipment.

If you need to obtain a power cord for a different country, you should purchase a power cord that is approved for use in that country.

The power cord must be rated for the product and for the voltage and current marked on the product's electrical ratings label. The voltage and current rating of the cord should be greater than the voltage and current rating marked on the product. In addition, the cross-sectional area of the wire must be a minimum of 0.75 mm² or 18 AWG, and the length of the cord must be between 6 feet (1.8m) and 12 feet (3.6 m). If you have questions about the type of power cord to use, contact your HP authorized service provider.

A power cord should be routed so that it is not likely to be walked on or pinched by items placed upon it or against it. Particular attention should be paid to the plug, electrical outlet, and the point where the cord exits from the product.

Japanese Power Cord Requirements

For use in Japan, use only the power cord received with this product.

△ **CAUTION** Do not use the power cord received with this product on any other products.

Product Environmental Notices

Materials Disposal

This HP product contains the following materials that might require special handling at end-of-life:

- Mercury in the fluorescent lamp in the display LCD.
- Lead in the solder and some component leads.

Disposal of this material can be regulated because of environmental considerations. For disposal or recycling information, contact the local authorities or the Electronic Industries Alliance (EIA) http://www.eiae.org.

Disposal of Waste Equipment by Users in Private Household in the European Union

This symbol on the product or on its packaging indicates that this product must not be disposed of with your household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling or waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact the local city office, the household waste disposal service or the shop where you purchased the product.

Restriction of Hazardous Substances (RoHs)

A Japanese regulatory requirement, defined by specification JIS C 0950, 2005, mandates that manufacturers provide Material Content Declarations for certain categories of electronic products offered for sale after July 1, 2006. To view the JIS C 0950 material declaration for this product, visit www.hp.com/go/jisc0950.

2005年、日本における製品含有表示方法、JISC0950が公示されました。製造事業者は、2006年7月1日以降に販売される電気・電子機器の特定化学物質の含有につきまして情報提供を義務付けられました。製品の部材表示につきましては、*http://www.hp.com/go/jisc0950*を参照してください。