



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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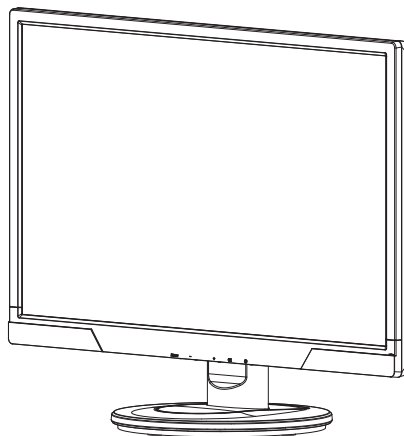
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1. Product Features

HP LCD Monitors

The HP LCD (liquid crystal display) monitors have an active matrix, thin-film transistor (TFT) screen with the following features:

- Large diagonal display
- Maximum graphics resolution:
1920 x 1080 @ 60Hz
Plus full-screen support for lower resolutions
- VGA analog signal
- HDMI digital signal
- Easy viewing from a sitting or standing position, or while moving from one side of the monitor to the other
- Tilt adjustment
- Removable base
- Built in stereo speakers
- Security lock slot for a locking security cable (security cable sold separately)
- Plug and Play capability, if supported by your computer system
- On-Screen Display (OSD) adjustments in several languages for easy setup and screen optimization
- Power Saver to reduce energy consumption
- HDCP (High Bandwidth Digital Content Protection) on HDMI input
- Software and utilities CD, containing the following:
Drivers
Documents



 **NOTE:** For safety and regulatory information, refer to the Product Notices provided on your media disc, if one is included, or in your documentation kit. To locate updates to the user guide for your product, go to <http://www.hp.com/support>, and select your country. Select Drivers & Downloads, and then follow the on screen instructions.

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 Product Notices provided on your media disc, if one is included, or in your documentation kit.

⚠ 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 (earthed) 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.

Use the appropriate and correctly sized furniture designed to properly support your HP LCD monitor.

⚠ WARNING: LCD monitors that are inappropriately situated on dressers, book cases, shelves, desks, speakers, chests, or carts may fall over and cause personal injury. Care should be taken to route all cords and cables connected to the LCD monitor so that they can not be pulled, grabbed, or tripped over.

Safety Precautions

- Use only a power source and connection compatible with 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 power cord does not exceed the rating of the power cord. Look on the power label to determine the ampere rating (Amps or A) for each device.

- Install your monitor near a power 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.
- Do not allow anything to rest on the power cord. Do not walk on the cord.

Maintenance Guidelines

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

- Do not open the monitor cabinet or attempt to service this product yourself. Adjust only those controls that are covered in the operating instructions. If the monitor is not operating properly or has been dropped or damaged, contact an authorized HP 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 the 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 the monitor off when not in use. You can substantially increase the life expectancy of the 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 the 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 the 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 or the power brick.
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 the monitor or the screen. These chemicals may damage the cabinet finish as well as the screen.

3. Setting Up the Monitor

Unpacking the Monitor

1. Unpack the monitor. Make sure all contents are included. Store the packing box.
2. Turn off the computer and other attached devices.
3. Prepare a flat area to assemble the monitor. You may need a flat, soft, protected area for placing the monitor screen-down while preparing it for installation.

Installing the Monitor

You can install the monitor on a desktop or wall-mount it. Place the monitor in a convenient, well-ventilated location near your computer. Connect the monitor cables after you have installed the monitor.

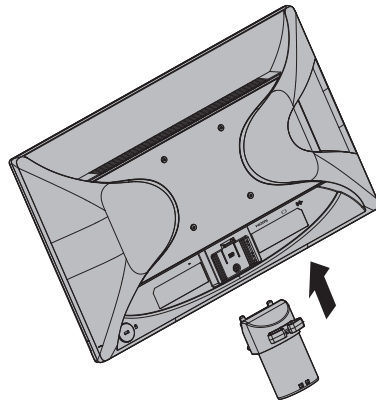
Preparing the monitor for desktop use

1. Set the monitor screen face down on a flat, soft, protected table or desk surface with the support column overhanging the edge.

△ **CAUTION:** The screen is fragile. Avoid touching or applying pressure to the LCD screen; doing so can cause damage.

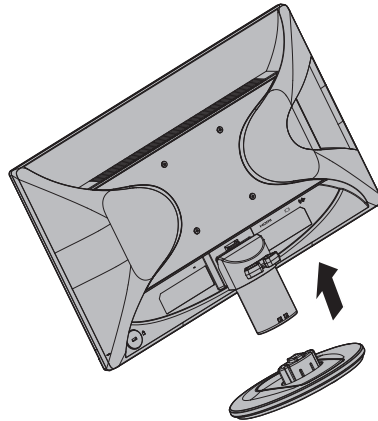
2. Press the column onto the monitor support column until it locks in place.

Figure 3-1 Attaching the Monitor Column



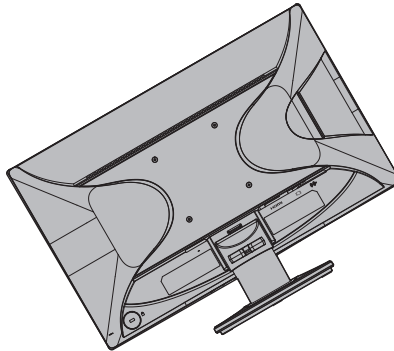
3. Press the base into the column until it locks in position.

Figure 3-2 Attaching the Base



4. Lift the monitor to an upright position and place on a flat, stable surface.

Figure 3-3 Monitor in upright position



Preparing the monitor for wall-mounting

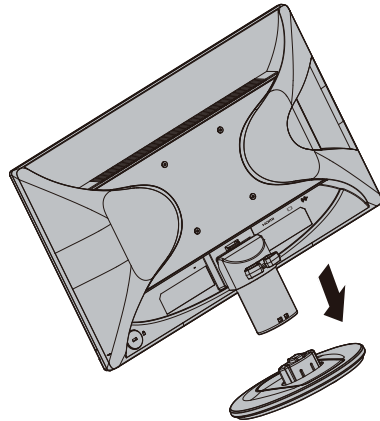
1. Check the stability of the wall-mounting fixture.

⚠ WARNING! To reduce the risk of personal injury or of damage to the equipment, check that the wall-mounting fixture is adequately installed and secured before attaching the monitor. Refer to the instructions supplied with the wall-mounting fixture and check that it is capable of supporting the monitor.

2. Disconnect the power cable and any other cables from the monitor.
3. Place the monitor face down on a flat, protected surface.

4. Remove the base and slide it away from the bottom of the monitor.

Figure 3-4 Sliding the base away from the monitor



5. Four threaded holes are exposed on the back panel of the monitor. These holes are for screws to attach the swing arm or other mounting fixture to the back of the monitor.
6. Follow the instructions included with the mounting fixture to ensure that the monitor is safely attached. The four threaded holes that are on the back of the panel are compliant with the VESA standard for mounting flat-panel monitors.
7. Attach a swing arm or other mounting fixture.



NOTE: This apparatus is intended to be supported by UL or CSA Listed wall mount bracket.



CAUTION: This monitor supports the VESA industry standard 100 mm mounting holes. To attach a third-party mounting solution to the monitor, four 4 mm, 0.7 pitch, and 10 mm long screws are required. Longer screws must 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 cables provided with the monitor.

Connecting Monitor Cables

Connecting the VGA (Analog) Cable or HDMI (Digital) Cable

Use a VGA video cable or a HDMI cable to connect your monitor to your computer. To use HDMI, you must have a HDMI-compliant graphic card. Connectors are located on the back of the monitor. Be sure the computer and monitor are turned off and unplugged.

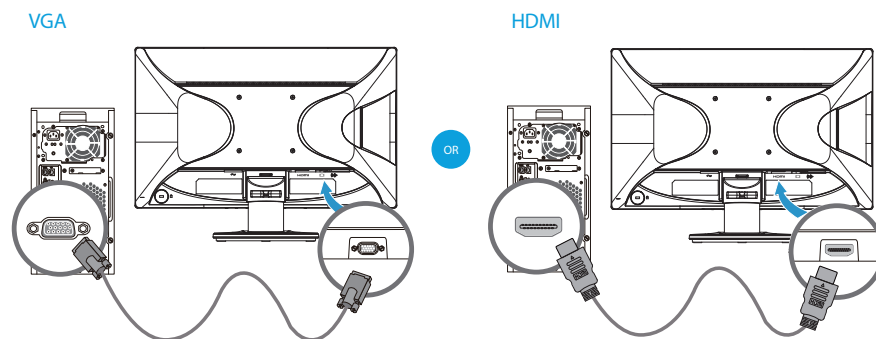
1. To connect the VGA cable:


Connect one end of the VGA video cable to the back of the monitor and the other end to the VGA video connector on the computer.

2. To connect the HDMI cable (not provided):

Connect one end of the HDMI video cable to the back of the monitor and the other end to the HDMI video connector on the computer. You can use this cable only if your computer has a HDMI compliant graphics card installed. The monitor HDMI connector and cable are included.

Figure 3-5 Connecting the VGA or a HDMI cable - connector locations may vary

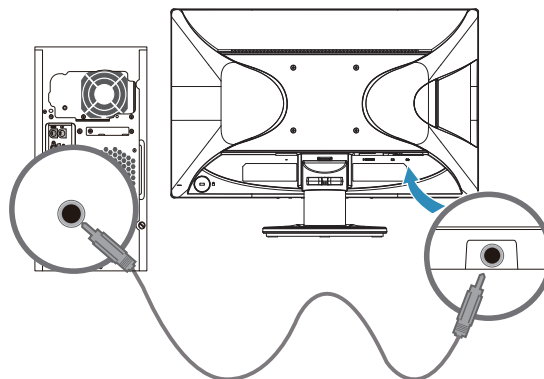


 **NOTE:** When using a VGA signal, you must connect your audio separately because a VGA signal converts only video data, not audio data.

Connecting the Audio Cable

Connect the built-in monitor speakers to the computer by using the audio cable as shown in the following illustration

Figure 3-6 connecting the Audio Cables - connector locations may vary



High-Bandwidth Digital Content Protection (HDCP)

Your monitor supports HDCP and can receive high-definition content. High-definition content is available in many sources, such as Blue-ray Disc devices or HDTV air or cable broadcasts. If you do not have an HDCP-enabled monitor, you will see a blank screen or a lower resolution picture when playing high-definition protected content. Your computer graphics card and monitor must both support HDCP to display protected content.

Connecting the Power Cable

1. Follow all Electrical and Power Warnings

⚠ WARNING! To reduce the risk of electric shock or damage to your equipment: Do not disable the power cord grounding plug. The grounding plug is an important safety feature.

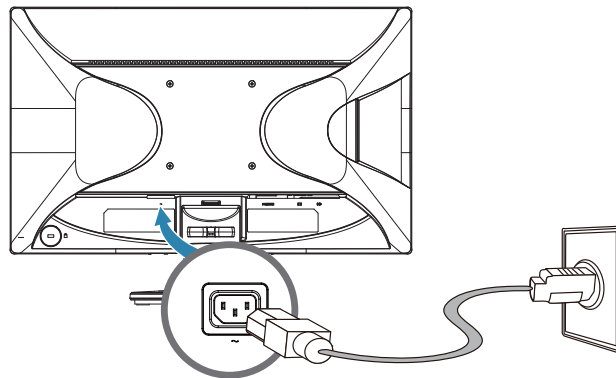
Plug the power cord into a grounded (earthed) electrical outlet.

Be sure that the grounded power outlet you plug the power cord into is easily accessible to the operator and located as close to the equipment as possible. A power cord should be routed so that it is not likely to be walked on or pinched by items that are placed upon it or against it.

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.

See "Technical Specification" (Appendix B) for additional information.

Figure 3-7 Connecting the power cable



2. Connect one end of the power cable to the monitor and the other end to a grounded electrical outlet.

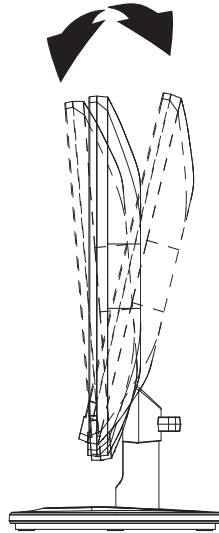
⚠ WARNING! To prevent injury from electrical shock, you should do one of the following if a properly grounded electrical outlet is not available: (1) You should use an electrical outlet adapter that provides proper grounding. (2) You should have a properly grounded electrical outlet installed.

Adjusting the Tilt

For optimal viewing, adjust the screen tilt to your own preference, as follows:

1. Face the front of the monitor and hold the base so that you do not topple the monitor while changing the tilt.
2. Adjust the tilt by moving the top edge of the monitor either toward or away from you, without touching the screen.

Figure 3-8 Tilt adjustment



4. Operating the Monitor

CD Software and Utilities

The CD that is included with this monitor contains drivers and software that you can install on your computer.

Installing Drivers


If you determine that you need to update the drivers, you can install the monitor driver INF and ICM files from the CD, or download them from the Internet.

Installing the monitor driver software from the CD

To install the monitor driver software from the CD:

1. Insert the CD in your computer CD drive. The CD menu appears.
2. Select the language.
3. Click **Install Monitor Driver Software**.
4. Follow the on-screen instructions.
5. Ensure that the proper resolutions and refresh rates appear in the Display Control Panel settings.

Refer to the Windows® operating system documentation for more information.

 **NOTE:** You might need to install the digitally signed monitor drivers (INF or ICM files) manually from the CD, in case of an installation error. Refer to the "HP Monitor Software Information" file on the CD for instructions (in English only).

Downloading updated drivers from the Internet

To download the latest version of drivers and software files from the HP Support site:

1. Refer to: <http://www.hp.com/support> .
2. Select your country/region.
3. Select **Download Drivers and Software**.
4. Enter the model number of your monitor and click Go.
5. Download and install the driver and software files by following the instructions on the download pages.
6. Ensure that your system meets the requirements.

Using the On-Screen Display (OSD)

Use the On-Screen Display (OSD) menu to adjust the monitor screen image based on your preferences. You can access and make adjustments in the OSD menu using the buttons on the monitor's front bezel.

To access the OSD menu and make adjustments, do the following:

1. If the monitor is not already on, press the Power button to turn on the monitor.
2. To access the OSD menu, press one of the four front bezel Function buttons to activate the buttons, and then press the Menu button to open the OSD.
3. Use the three Function buttons to navigate, select, and adjust the menu choices. The button labels are variable depending on the menu or submenu that is active.

The following table lists the menu selections in the OSD menu.

Main Menu	Description
Brightness	Adjusts the brightness level of the screen.
Contrast	Adjusts the screen contrast.
Color Control	Selects and adjusts the screen color.
Input Control	Selects the video input signal.
Image Control	Adjusts the screen image.
Power Control	Adjusts the power settings.
Menu Control	Adjusts the on-screen display (OSD) and Function button controls.
Management	Enables/disables DDC/CI support and returns all OSD menu settings to the factory default settings.
Language	Selects the language in which the OSD menu is displayed. The factory default is English.
Information	Displays important information about the monitor.
Exit	Exits the OSD menu screen.

Assigning the Function buttons

Pressing one of the four front bezel Function buttons activates the buttons and displays the icons above the buttons. The factory default button icons and functions are shown below.

Button	Function
1 Next Input Port	Switches the monitor's input source to the next active input.
2 Color Control	Opens the Color Control menu.
3 Information	Opens the Information menu.

You can change the Function buttons from their default values so that when the buttons are activated you can quickly access commonly used menu items.

To assign the Function buttons:

1. Press one of the four front bezel buttons to activate the buttons, and then press the Menu button to open the OSD.
2. In the OSD menu, select Menu Control > Assign Buttons and then select one of the available options for the button you want to assign.



NOTE: You can only assign the three Function buttons. You can not reassign the Menu button or the Power button.

Adjusting to Low Blue Light Mode

Decreasing the blue light emitting from the display reduces the blue light exposure to your eyes. The monitor provides a setting to reduce blue light output and create a more relaxing and less stimulating image while reading content on the screen. To make the adjustment:

- Press one of the four OSD bezel buttons to activate the buttons, and then press the Color Control button and select **Low Blue Light**.
- OR
- Press one of the four OSD bezel buttons to activate the buttons, and then press the Menu button to open the OSD. In the OSD menu select **Color Control > Low Blue Light**.



NOTE: To reduce the risk of serious injury, read the Safety & Comfort Guide. It describes proper workstation setup, and proper posture, health, and work habits for computer users. The Safety & Comfort Guide also provides important electrical and mechanical safety information. The Safety & Comfort Guide is located on the Web at <http://www.hp.com/ergo>.

Selecting Video Input Connectors

The input connectors are:

- VGA connector (analog)
- HDMI connector (digital)

The monitor automatically determines which inputs have valid video signals, and displays the image.

You can connect the VGA cable, the HDMI cable, or both. If both cables are installed, the default input selection is HDMI. The source of input can be switched using the Input Select option in the OSD menu.

Identifying Monitor Conditions

Special messages will appear on the monitor screen when identifying the following monitor conditions:

- **Monitor Status** - When the monitor is powered on or when the input source signal is changed, a Monitor Status message is displayed for five seconds. The message shows which input is the current active signal, the status of the auto-switch source setting (On or Off), the default source signal, the current preset display resolution, and the recommended preset display resolution.
- **Input Signal Out of Range** - Change resolution setting to 1920 x 1080 . 60Hz. Indicates the monitor does not support the input signal because the resolution and/or refresh rate are set higher than the monitor supports.
- **No Source Signal** - Indicates the monitor is not receiving a video signal from the PC on the monitor video input connector. Check to determine if the PC or input signal source is off or in the power saving mode.
- **Auto Adjustment in Progress** - Indicates the auto-adjustment function is active.
- **Monitor Going to Sleep** - Indicates the screen display is entering a sleep mode.
- Indicates the video cable is not properly connected to the computer.
- **OSD Lockout** - The OSD can be enabled or disabled by pressing and holding the Menu button on the front panel for 10 seconds. If the OSD is locked, the warning message OSD Lockout displays for ten seconds.
 - If the OSD is locked, press and hold the Menu button for 10 seconds to unlock the OSD.
 - If the OSD is unlocked, press and hold the Menu button for 10 seconds to lock the OSD.
- **Power Button Lockout** - Indicates the power button is locked. If the power button is locked, the warning message Power Button Lockout displays.
 - If the power button is locked, press and hold the power button for 10 seconds to unlock the power button function.
 - If the power button is unlocked, press and hold the power button for 10 seconds to lock out the power button function.
- **Dynamic Contrast Ratio On** - Indicates that Dynamic Contrast Ratio has been turned on. This occurs if Dynamic Contrast Ratio is turned on in the Image Control OSD menu.
- **Dynamic Contrast Ratio Off** - Indicates that Dynamic Contrast Ratio has been turned off. This occurs if Dynamic Contrast Ratio is turned off in the Image Control OSD menu.

Adjusting Screen Quality

The auto adjustment feature automatically fine-tunes the image quality for display size, position, clock, and phase each time a new video mode is displayed. For more precise adjustments of VGA input, run the Auto Adjustment software on the CD. If you want additional image quality improvement, use the Clock and Phase controls of the monitor to fine tune the image. See "Optimizing Analog Video" in this chapter.

Optimizing Analog Video

Some monitors contain advanced circuitry that allow the monitor to function as a standard analog monitor. Two controls in the OSD menu can be adjusted to improve analog image performance:

Clock - Increase or decrease the value to minimize any vertical bars or stripes visible on the screen background.

Phase - Increase or decrease the value to minimize video distortion or video jitter.

Use these controls only when the auto adjustment function does not provide a satisfactory monitor image in analog mode. To obtain the best results:

1. Allow the monitor to warm up for 30 minutes before adjusting.
2. Access the OSD menu, then select Image Setup.
3. Set the main Clock settings correctly first, because the Phase settings depend on the main Clock settings. When adjusting the Clock and Phase values, if the monitor images become distorted, continue adjusting the values until the distortion disappears. To restore the factory settings, access the OSD menu, select Factory Reset, and then select Yes.

Power-Saver Feature

When the monitor is in normal operating mode, the Power light is blue and the monitor uses the normal watts of power. For power usage, refer to "Technical Specification" (Appendix B). The monitor also supports a power-saver mode that is controlled by the computer. When the monitor is in the reduced-power state, the monitor screen is blank, the backlight is off, and the Power light is amber. The monitor uses minimum power. When the monitor is "awakened," a brief warm-up period occurs before the monitor returns to normal operating mode. The energy-saving reduced power state activates if the monitor does not detect either the horizontal sync signal or the vertical sync signal. The power-saver feature must be activated on your computer for this feature to work. Refer to your computer documentation for instructions on setting energy-saver features (sometimes called power-management features).



NOTE: The energy-saver feature works only when the monitor is connected to computers that have energy-saver features.

A. Troubleshooting

Solving Common Problems

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

Problem Solution

Problem & Question	Possible Solutions
Power LED Is Not ON	<ul style="list-style-type: none">• Make sure the power button is ON and the Power Cord is properly connected to a grounded power outlet and to the monitor.
No Plug & Play	<ul style="list-style-type: none">• In order for the Plug & Play feature of the monitor to work, you need a Plug & Play compatible computer & video card. Check with your computer manufacturer. Also check the monitor's video cable and make sure none of the pins are bent.• Make sure the HP Monitor Drivers are installed (HP Monitor Drivers are available at: http://www.hp.com/support)
Picture Is Fuzzy & Has Ghosting Shadowing Problem	<ul style="list-style-type: none">• Adjust the Contrast and Brightness Controls.• Make sure you are not using an extension cable or switch box. We recommend plugging the monitor directly to the video card output connector on the back of your computer.
Picture Bounces, Flickers Or Wave Pattern Is Present In The Picture	<ul style="list-style-type: none">• Move electrical devices that may cause electrical interference as far away from the monitor as possible.• Use the maximum refresh rate your monitor is capable of at the resolution your are using.
Monitor Is Stuck In Active Off-Mode	<ul style="list-style-type: none">• The Computer Power Switch should be in the ON position.• The Computer Video Card should be snugly seated in its slot.• Make sure the monitor's video cable is properly connected to the computer.• Inspect the monitor's video cable and make sure none of the pins are bent.
Missing one of the primary colors (RED, GREEN, or BLUE)	<ul style="list-style-type: none">• Inspect the monitor's video cable and make sure that none of the pins are bent.• Make sure the monitor's video cable is properly connected to the computer.
Screen image is not centered or sized properly	<ul style="list-style-type: none">• Adjust H-Position and V-Position or press hot-key (AUTO).
Picture has color defects (white does not look white)	<ul style="list-style-type: none">• Adjust RGB color or select color temperature
Horizontal or vertical disturbances on the screen	<ul style="list-style-type: none">• Use Windows shut-down mode. Adjust CLOCK and Phase or press the Auto button to display ideal setting

Getting Support from hp.com

Before you contact customer service, refer to HP Technical Support at:
<http://www.hp.com/support>

Select your country/region, and then follow the links to the support page for your monitor.

Preparing to Call Technical Support

If you cannot solve a problem by using the troubleshooting tips in this section, you might have to call technical support. For technical support contact information, refer to the printed documentation included with the monitor.

Have the following information available when you call:

- Monitor model number (located on label on back of monitor)
- Monitor serial number (located on label on back of monitor or in the OSD display in the Information menu)
- Purchase date on invoice
- Conditions under which the problem occurred
- Error messages received
- Hardware configuration
- Name and version of hardware and software you are using

Locating the Rating Label

The rating label on the monitor provides the product number and serial number. You may need these numbers when contacting HP about your monitor model.

The rating label is on the back of the monitor.

B. Technical Specifications

All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

HP LCD Monitors

Face treatment: Glare polarizer with hard coating

Input terminal:

VGA connector
HDMI connector

Specifications:	
Display Type:	TFT LCD active matrix
Viewable Image Size	52.6 cm (20.7 in.) diagonal
Tilt	-3.5° (+/-1.5)~+9.5° (+/-1.5)
Maximum Weight (unpacked)	3 kg (6.6 lbs)
Dimensions (h x w x d)	19.76cm x 48.94cm x 36.27cm 7.78 x19.26 x 4.28 in
Maximum Graphics Resolution	1920 x 1080 @ 60 Hz
Optimum Graphics Resolution	1920 x 1080 @ 60 Hz
Text Mode	720 x 400
Dot Pitch	0.2385 x 0.2385 mm/0.01 x 0.01 in
Horizontal Frequency (analog mode)	24 to 80 kHz
Vertical Frequency (analog mode)	50 to 76 Hz
Operating Temperature	41° to 95°F (5° to 35°C)
Non-Operating Temperature	-4° to 140°F (-20° to 60°C)
Operating Humidity	20% to 80%
Non-Operating Humidity	5% to 95%
Power Source	100-240V~, 50/60 Hz
Power Consumption	28 watts (W)
Sleep Power Consumption	<0.5 watts (W)

Preset Video Modes

The monitor automatically recognizes many preset video input modes that will appear properly sized and centered on the screen.

Item	Preset Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
1	640 x 480	31.47	59.94
2	720 x 400	31.47	70.09
3	800 x 600	37.88	60.32
4	1024 x 768	48.36	60.00
5	1280 x 720	45.00	60.00
6	1280 x 800	49.70	59.81
7	1280 x 1024	63.98	60.02
8	1440 x 900	55.93	59.88
9	1600 x 900	60.00	60.00
10	1680 x 1050	65.30	59.95
11	1920 x 1080	67.50	60.00

LCD Monitor Quality and Pixel Policy

Your LCD Monitor uses high-precision technology, manufactured according to high standards, to help guarantee trouble-free performance. Nevertheless, the display may have cosmetic imperfections that appear as small bright or dark spots. This is common to all LCD displays used in products supplied by all vendors and is not specific to your LCD Monitor. These imperfections are caused by one or more defective pixels or subpixels.

A pixel consists of one red, one green, and one blue subpixel. A defective whole pixel is always turned on (a bright spot on a dark background), or it is always off (a dark spot on a bright background). The first is the more visible of the two. A defective subpixel (dot defect) is less visible than a defective whole pixel, and is small and only visible on a specific background.

To locate defective pixels, the monitor should be viewed under normal operating conditions and in normal operating mode at a supported resolution and refresh rate, from a distance of approximately 50 cm (16 inches). We expect that, over time, the industry will continue to improve its ability to produce displays with fewer cosmetic imperfections, and we will adjust guidelines as improvements are made. For more information about your LCD Monitor, refer to the HP Web site at:
<http://www.hp.com/support>.