

User Guide

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Chapter 1. Introduction

1.1 Features

- ☑ Multilingual OSD adjustment
- ☑ Compatible with IBM VGA, extended VGA, VESA VGA, SVGA, XGA, and WXGA modes
- ☑ Wide range of applicable voltages (AC 100-240V 50/60Hz) enables direct use without any setting.
- ☑ Plug-and-play VESA DDC1/ 2B Standard.

1.2 Check list

Please make sure the following items are included with your LCD monitor;

- ☑ The monitor (and the pedestal)
- ☑ Stand
- ☑ Power cord
- ☑ VGA cable
- ☑ Documentation
- ☑ Setup poster
- ☑ Warranty

If any of these items are missing, please contact your dealer for technical support and customer service.

Note: Be sure to save original box and all packing materials for future transport.

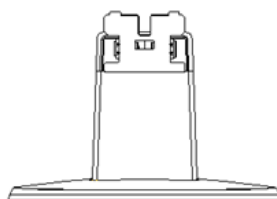
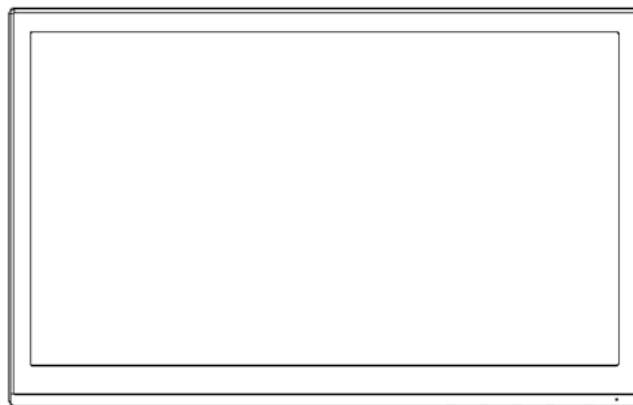
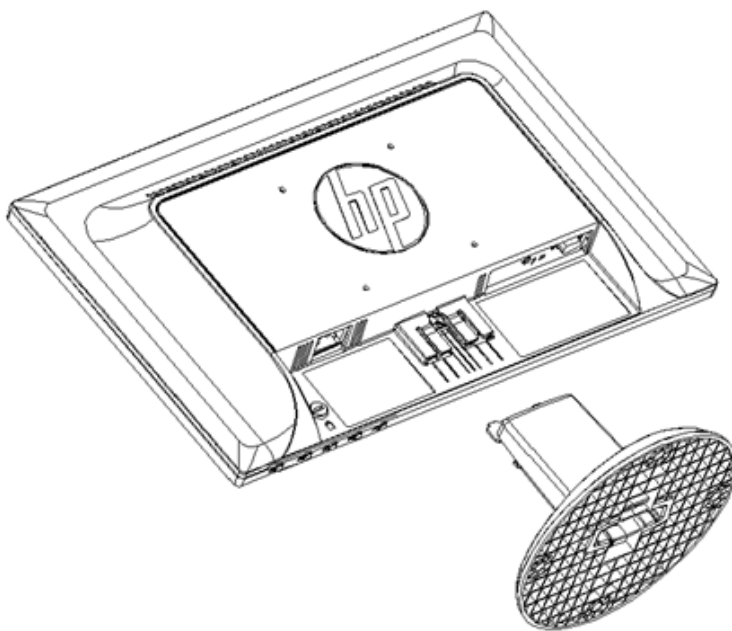
Chapter 2. Installation

2.1 Install the pedestal

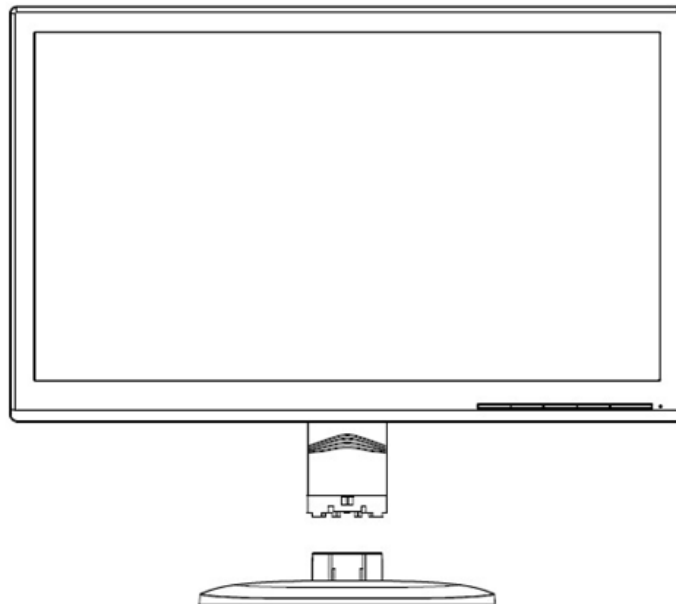
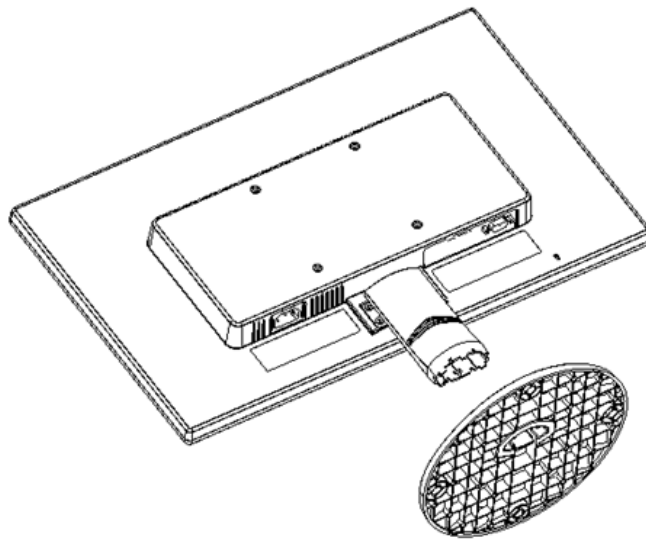
Follow the steps illustrated below to install the pedestal for your model.

Note: The following illustrations are for reference. Your model may have a different bezel, back cover and stand.

46.99 cm/18.5" Models



49.403 cm/19.45" Models



2.2 Connect your monitor to your computer

1. Power off and unplug your computer.
2. Connect the 15-pin ends of the signal cable to the VGA port of your monitor and the VGA OUT jack on the back of your computer. Secure the cable by tightening the screws on both ends of the signal cable.
3. Connect one end of the power cord to the monitor, then connect the other end of the power cords to the nearest electrical outlet.

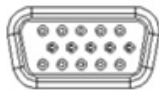
WARNING! To reduce the risk of electric shock or damage to the equipment:

- 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 that is easily accessible at all times.
- Disconnect power from the equipment 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.

4. Power on your computer and monitor. If your monitor displays an image, the installation has been successfully done. If the monitor does not display any image, check all the connections.

- Cautions:**
1. For installation, complete the signal cord connection before plugging the power cord into the electrical outlet to avoid damaging the monitor.
 2. During installation, support the front frame with your hand at its center of gravity to avoid dropping and damaging the monitor.



VGA



1



AC



2

Overview of the ports of the monitor:

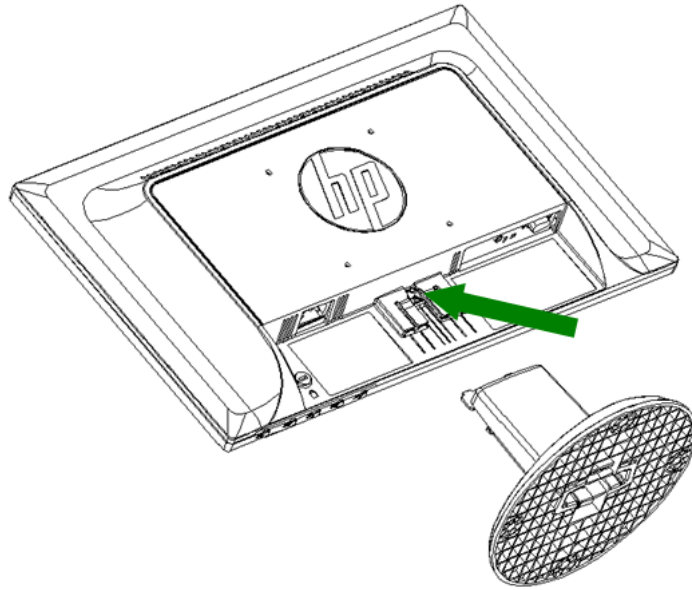
1. VGA signal input
2. AC power supply input

2.3 Disconnect the pedestal for shipping

46.99 cm/18.5" Models

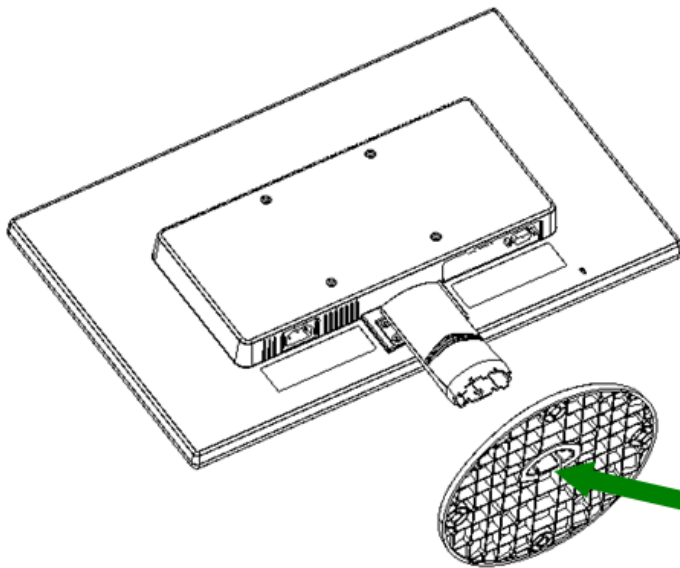
Press the clip button on the display head and remove the pedestal from the stand.

Note: The following illustrations are for reference. Your model may have a different bezel, back cover and stand.



49.403 cm/19.45" Models

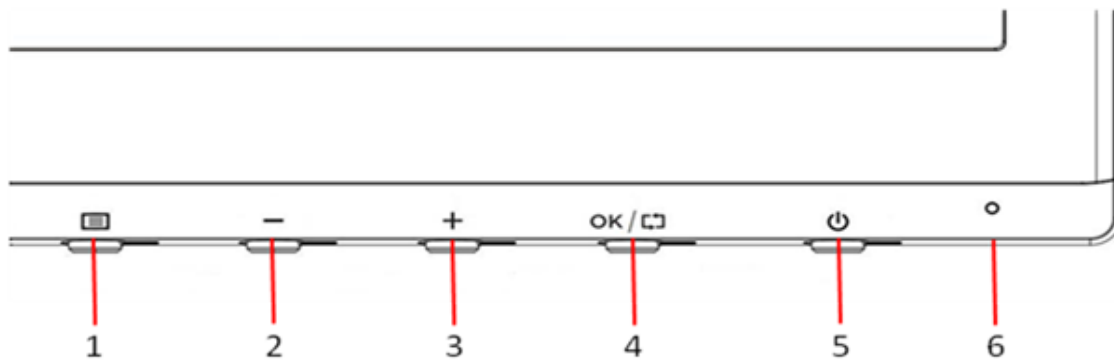
Press the clip button on the pedestal and remove the pedestal from the stand.








Chapter 3. Monitor overview

Overview of front panel controls

Note: The following illustration is for reference. Your model may have a different on-screen display (OSD) button icon.



Control			Function
1		Menu	Opens, select or exits the OSD menu
2		Minus	If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels.
3		Plus	If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels.
4		OK/Auto	If the OSD menu is on, press to select the highlighted menu items. If the OSD menu is inactive, press to activate the auto adjustment feature to optimize the screen image.
5		Power	Turns the monitor on or off
6		Power LED	Blue=Fully powered. Amber=Sleep mode. Flashing Amber=Sleep Timer mode.

Chapter 4. Operational Instruction

4.1 Power ON/OFF Switch

Press the button to power on/off your monitor.

Note: The ON/OFF switch does not disconnect your monitor from the main voltage. To completely disconnect the main voltage, remove the power plug from the electrical outlet.

4.2 Power indicator

The power LED is blue when the monitor operates normally. If the monitor runs in power-saving mode, the indicator changes to amber. When the monitor is turned off, this indicator is unlit.

4.3 Menu features

The following features of your monitor can be accessed and adjusted by using the on screen display (menu) system.

1. If your monitor is not powered on, press the "Power" button to turn it on.
2. Press the "Menu" button to activate the OSD menu. The OSD main menu will be displayed.
3. To view the main menu or submenu, press the "+" on the front panel of your monitor to scroll up or the "-" to scroll down. Then press the "OK" button to select a highlighted function.
When the highlight scrolls down to the bottom of the menu, it returns to top of the menu. When the highlight scrolls up to the top of the menu, it returns to bottom of the menu."
4. To adjust the selected option, press the "+" or "-" button.
5. Select "Save" and return. If you do not want to save the setting, select "Cancel" from the submenu or "Exit" from the main menu.

Chapter 5. Technical Information

5.1 Factory preset display mode

46.99cm/18.5" Models

Preset	Pixel Format	Horz Freq (KHz)	Horz Polarity	Vert Freq (Hz)	Vert Polarity	Pixel Clk (MHz)	Source
1	640 x 480	31.469	-	59.940	-	25.175	VGA
2	720 x 400	31.469	-	70.087	+	28.322	VGA
3	800 x 600	37.879	+	60.317	+	40.000	VESA
4	1024 x 768	48.363	-	60.004	-	65.000	VESA
5	1280 x 720	45.00	+	60.00	+	74.25	VESA/CE A-861D
6	1280 x 800	49.702	-	59.81	+	83.5	CVT
7	1280 x 1024	63.98	+	60.02	+	108.000	VESA
8	1366 x 768	47.71	+	59.79	+	85.5	VESA-RB

49.403cm/19.45 Models

Preset	Pixel Format	Horz Freq (KHz)	Horz Polarity	Vert Freq (Hz)	Vert Polarity	Pixel Clk (MHz)	Source
1	640 x 480	31.469	-	59.940	-	25.175	VGA
2	720 x 400	31.469	-	70.087	+	28.322	VGA
3	800 x 600	37.879	+	60.317	+	40.000	VESA
4	1024 x 768	48.363	-	60.004	-	65.000	VESA
5	1280 x 720	45.00	+	60.00	+	74.25	VESA/CE A-861D
6	1280 x 1024	63.98	+	60.02	+	108.000	VESA
7	1440 x 900	55.94	-	59.89	+	106.5	CVT 1.30MA
8	1600 x 900	60	+	60.00	+	108	VESA-RB

Note: The factory preset display mode is subject to change without notice.

5.2 Product specifications

Size	46.99cm/18.5" wide screen Models
Max. resolution	1366 x 768 @ 60 Hz
Recommended resolution	1366 x 768 @ 60 Hz
Horizontal frequency	24-70 kHz
Vertical frequency	50-60 Hz
Viewable size	409.8 x 230.4 mm
Viewable angle	90 (H) 65 (V)
Tilt angle	-5° to 20°
Pixel frequency	110 MHz
OSD functions	Brightness, Contrast, Image Control, OSD control, Languages, Color, Management, Information, Factory Reset, Exit
Size (Packing)	522 (L) x 100(W) x 346 (H) mm
Net weight/ Gross weight	2.7 KG / 3.8 KG
Power supply	100-240VAC,50/60Hz
Altitude (under operational condition)	0 ~ 5000 m (0 ~ 16400 feet)
Altitude (under storing condition)	0 ~ 12192 m (0 ~ 40,000 feet)
Input signal	VGA
Contrast	600: 1
Brightness	200 cd/m ²
Response time	5 ms
Color displayed	16.7 M
Power (max)	17W
Operational environment	Temperature: 5-35°C; humidity: 20% ~ 80%
Storing environment	Temperature: -20-60°C; humidity: 5% ~ 95%

Size	49.403cm/19.45" wide screen Models
Max. resolution	1600 x 900 @ 60 Hz
Recommended resolution	1600 x 900 @ 60 Hz
Horizontal frequency	24-83 kHz
Vertical frequency	50-75 Hz
Viewable size	432.0 x 239.76 mm (INX) 433.92*236.34mm (LGD)
Viewable angle	90 (H) 50 (V)
Pitching angle	-5° to 15°
Pixel frequency	170 MHz
OSD functions	Brightness, Contrast, Image Control, OSD control, Languages, Color, Management, Information, Factory Reset, Exit
Size (Packing)	538 (L) x 125(W) x 420 (H) mm
Net weight/ Gross weight	2.8 KG / 4.2 KG

Power supply	100-240VAC,50/60Hz
Altitude (under operational condition)	0 ~ 5000 m (0 ~ 16400 feet)
Altitude (under storing condition)	0 ~ 12192 m (0 ~ 40,000 feet)
Input signal	VGA
Contrast	600: 1
Brightness	200 cd/m ²
Response time	5 ms
Color displayed	16.7 M
Power (max)	20W
Operational environment	Temperature: 5-35°C; humidity: 20% ~ 80%
Storing environment	Temperature: -20-60°C; humidity: 5% ~ 95%

5.3 Panel testing

The ratio of valid pixels on each LCD screen reaches 99.99% or higher. However, less than 0.01% of the pixels may cause dark dots displayed on the screen.

A 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 Agency Regulatory Notices.

WARNING! To reduce the risk of electric shock or damage to the 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 that is easily accessible at all times.
- Disconnect power from the equipment 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 disc, 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 and 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, bookcases, 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 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. Check 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.
Note: The HP Warranty does not cover monitors with a burned-in image.
- 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 being scratched, defaced, or broken.

Cleaning your 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 the 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. To prepare the monitor for shipping, refer to Chapter 2, “Disconnect the Pedestal for Shipping.”

B 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 receiver.
- Connect the equipment to 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 2 conditions:

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

For questions regarding the product, contact:

Hewlett-Packard Company

P. O. Box 692000, Mail Stop 530113

Houston, TX 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, TX 77269-2000

or call (281) 514-3333

To identify this product, refer to the part, series, or model number located on the product.

Canadian Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. CAN ICES-3(B)/NMB-3(B)

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

Products bearing the CE marking comply with one or more of the following EU Directives as may be applicable:



- Low Voltage Directive 2006/95/EC; EMC Directive 2004/108/EC; Ecodesign Directive 2009/125/EC; R&TTE Directive 1999/5/EC; RoHS Directive 2011/65/EU
- Compliance with these directives is assessed using applicable European Harmonised Standards.
- The full Declaration of Conformity can be found at the following web site:
<http://www.hp.eu/certificates>
- (Search with the product model name or its Regulatory Model Number (RMN), which may be found on the regulatory label.)

The point of contact for regulatory matters is Hewlett-Packard GmbH, Dept./MS:HQ-TRE, Herrenberger Strasse 140, 71034 Boeblingen, GERMANY.

German Ergonomics Notice

HP products which bear the “GS” approval mark, when forming part of a system comprising HP brand computers, keyboards and monitors that bear the “GS” approval mark, meet the applicable ergonomic requirements. The installation guides included with the products provide configuration information.

Japanese Notice

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

Korean Notice

B급 기기
(가정용 방송통신기기)

이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 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 you 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 (1.8 m) and 12 feet (3.6 m). If you have questions about the type of power cord to use, contact an authorized HP 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

HP Recycling Program

HP encourages customers to recycle used electronic hardware, HP original print cartridges, and rechargeable batteries. For more information about recycling programs, go to <http://www.hp.com/recycle>.

Chemical Substances

HP is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and Council). A chemical information report for this product can be found at <http://www.hp.com/go/reach>.

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 <http://www.hp.com/go/jisc0950>.

2008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、www.hp.com/go/jisc0950を参照してください。

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

产品中有毒有害物质或元素的名称及含量

根据中国《电子信息产品污染控制管理办法》

LCD 显示器

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
液晶显示屏 – CCFL	X	X	○	○	○	○
液晶显示屏 – WLED	X	○	○	○	○	○
机箱 / 其他	X	○	○	○	○	○

○: 表示该有毒或有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

X: 表示该有毒或有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。

表中标有 "X" 的所有部件都符合欧盟 RoHS 法规，即“欧洲议会和欧洲理事会 2003 年 1 月 27 日关于在电子电气设备中限制使用某些有害物质的 2002/95/EC 号指令”。

注：环保使用期限的参考标识取决于产品正常工作的温度和湿度等条件。

Turkey EEE Regulation

In Conformity with the EEE Regulation

EEE Yönetmeliğine Uygundur

Ukraine Restriction of Hazardous Substances

The equipment complies with requirements of the Technical Regulation, approved by the Resolution of Cabinet of Ministry of Ukraine as of December 3, 2008 No. 1057, in terms of restrictions for the use of certain dangerous substances in electrical and electronic equipment.

C Troubleshooting

Solving common problems

Shown below are possible problems, reasons, and recommended solutions:

Problems	Solutions
The LED power indicator is not lit	Ensure the Power button is switched on and the power cord is properly connected to the grounded power outlet and the monitor. Select Management in the OSD menu before selecting the power indicator on the panel. Check if the Panel Power Indicator is set as Off. If so, set it as On.
Nothing displayed on the screen	Connect the power cord. Power on the device. Connect the video cable correctly. For more information, see "Installation" chapter. Press any key on your keyboard or move your mouse to disable the screensaver.
Blurred or dark image Image is not centered.	Press the Menu button to activate the OSD menu. Select Image Control. Then select Horizontal Position or Vertical Position to adjust the position of the image.
The screen display input signal is out of the valid scope.	Connect the monitor VGA signal cable to the VGA connector on the computer. Be sure that the computer power is off while connecting the video cable. Enter Safe Mode after your computer is restarted. Apply the setting supported by your monitor (See table 5.1 in Chapter 5. B: Factory Preset Display Mode). Restart your computer to activate the new setting.
Blurred and ghost image.	Adjust the contrast and brightness controls. Make sure no extension cord or switch box is used. HP suggests you to connect your monitor to the graphic card output port on the back of your computer. For VGA input, Auto-adjustment will solve problems of this kind.
The optimum resolution of the monitor is not available	Make sure the graphic card supports optimum resolution. Make sure latest applicable driver for graphic card is installed. For HP and Compaq systems, you may download the latest applicable graphic card drivers at: www.hp.com/support . For other systems, visit the websites for your graphic card.
Plug-and-play is not available	To enable the plug-and-play feature for your monitor, you should have plug-and-play-ready computer and graphic card. Please contact the manufacturer of your computer. Check the video cable of your monitor. Make sure there are no bent PINs. Make sure the HP monitor driver is installed. You may download the HP monitor driver at: www.hp.com/support

Problems	Solutions (Continued)
Withering, flicker or moiré effect	<p>Keep the monitor away from electric devices that may cause possible electrical interference.</p> <p>Use the maximum refresh rate of the monitor under current resolution.</p>
The "Sleep Mode" is always enabled for the monitor (yellow LED).	<p>Make sure your monitor is powered on.</p> <p>The graphic card of your computer should be secured in the slot.</p> <p>Make sure the video cable of your monitor is correctly connected to your computer.</p> <p>Check the video cable of your monitor. Make sure there are no bent PINs.</p> <p>Make sure your computer is working normally. Press the Caps Lock key on your keyboard and have a look at the Caps Lock LED (available on most keyboards). The LED will light or fade out.</p>

Product Support

For additional information on using your monitor, go to <http://www.hp.com/support>. Select your country or region, select **Troubleshooting**, and then enter your model in the search window and click the **Go** button.

Note: The monitor user guide, reference material, and drivers are available at <http://www.hp.com/support>.

If the information provided in the guide does not address your questions, you can contact support. For U.S. support, go to <http://www.hp.com/go/contactHP>. For worldwide support, go to http://welcome.hp.com/country/us/en/wwcontact_us.html.

Here you can:

- Chat online with an HP technician
 - Note:** When support chat is not available in a particular language, it is available in English.
- Find support telephone numbers
- Locate an HP service center

Preparing to Call Technical Support

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

- Monitor model number
- Monitor serial number
- 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.