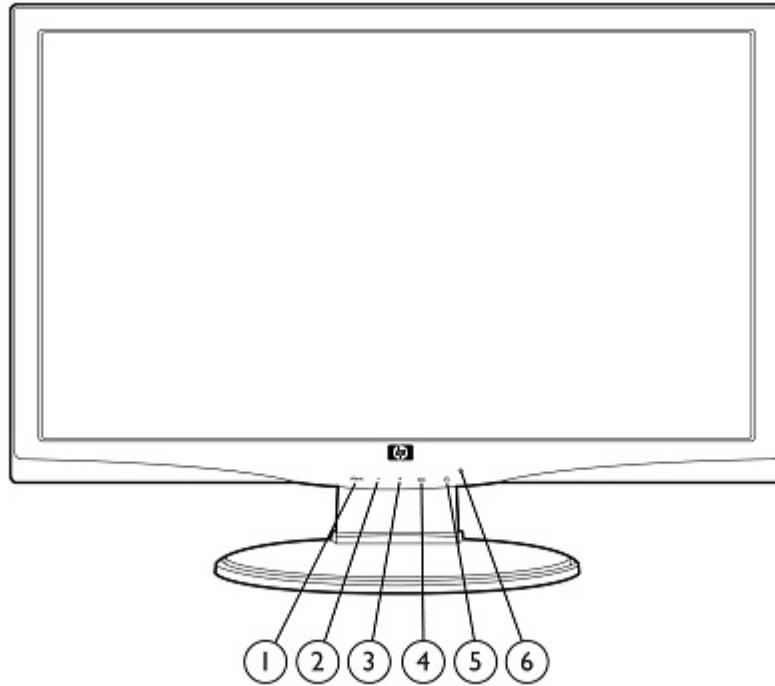


Overview



- | | | | |
|--|--|----------------------------|--|
| 1. Menu Button (MENU) | Press the "Menu" button to activate the OSD menu. | 4. OK button "Auto" | Use to select a highlighted function. Auto-adjust the display to the ideal setting when the OSD is not active. |
| 2. "-" Select button
(waiting for image) | Scroll down or use to adjust the selected option.
Adjust volume level. | 5. Power button | Press this button to power on/off your monitor. |
| 3. "+" select button | Scroll up or use to adjust the selected option.
Choose video input source from the computer | 6. Power indicator | Blue = normal, Amber = power saving mode, Unlit = off |

Model

WR739AA



Technical Specifications

Panel	Type	21.5-inch Wide-Aspect Active Matrix TFT (thin film transistor)
	Viewable Image Area (diagonal)	54,6 cm (21.5 in.) widescreen; diagonally measured
	Screen Opening (W x H)	47,66 x 26,81 cm (18.77 x 10.56 in.)
	Panel Type	TN
	Aspect Ratio	16:9
	Viewing Angle (typical)	Up to 170° horizontal/160° vertical
	Brightness (typical)*	300 nits (cd/m ²)
	Contrast Ratio (typical)*	1,000:1
	Dynamic Contrast Ratio (typical)*	15,000:1
	Response Time (typical)*	5 ms (on/off)
	Pixel Pitch	0.245 mm
	Backlight Lamp Life (to half brightness)	50,000 hours
	Color Gamut	72%
	<i>*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</i>	
On Screen Display (OSD) Controls	Buttons or Switches	Menu, "-" / Volume, "+" / Source, "OK" / Auto, Power button
	Languages	English / German / Spanish / French / Italian / Simplified Chinese / Traditional Chinese / Japanese / Nederlands / Portuguese
	User Controls	Brightness, Contrast, Color, Image Control, OSD Control, Management, Language, Information, Factory Reset, Source Control, Exit
Signal Interface/ Performance	Horizontal Frequency	24 to 94 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1920 X 1080 @ 60 Hz
	Preset VESA Graphic Modes (non-interlaced)	1920 X 1080 @ 60 Hz
		1680 X 1050 @ 60 Hz
		1600 x 1200 @ 60 Hz
		1440 X 900 @ 60 Hz
		1280 X 1024 @ 60 Hz
		1280 X 960 @ 60 Hz
		1280 X 720 Hz @ 60 Hz
		1024 X 768 @ 60 Hz
	800 X 600 @ 60 Hz	
	720 X 400 @ 70 Hz	
	640 X 480 @ 60 Hz	
	Text Mode	720 x 400 @ 70 Hz
	Maximum Pixel Clock Speed	200 MHz for VGA, 170 MHz for DVI



Technical Specifications

	User Programmable Modes	Yes (22)	
	Anti-Glare	Yes	
	Anti-Static	No	
	Default Color Temperature	6500 K	
Video/Other Inputs	Plug and Play	Yes	
	Input Connectors	VGA (analog), DVI-D w/ HDCP	
	Input Impedance	75 Ohms (VGA); 100-Ohms differential (DVI)	
	Sync Input	TTL separate synch	
	Video Cable	(1) 15-pin D-sub (VGA), (1) DVI-D	
	Video Cable Lengths	1,8 m (5.9 ft.)	
	Audio	Integrated speakers (1 watts per channel) with 3.5mm stereo mini-plug input	
	Audio Cable	3.5mm stereo mini-plug cable	
	Audio Cable Length	1,8 m (5.9 ft.)	
Power	Input Power	90 - 265VAC, 45 - 63 Hz, Internal AC Adapter	
	Typical Power Consumption	38 W	
	Maximum	50 W	
	Power Saving	< 1 W sleep mode, <0.5 W off mode	
	Power Cable Length	1,9 m (6.2 ft.)	
Mechanical	Dimensions (H x W x D)	Unpacked w/stand	39,61 x 51,76 x 20,0 cm (15.60 x 20.39 x 7.88 in.)
		Unpacked w/o stand (head only)	32,51 x 51,76 x 7,0 cm (12.8 x 20.39 x 2.76 in.)
		Packaged	38,3 x 57,2 x 12,0 x cm (15.08 x 22.52 x 4.72 in.)
	Weight	Head Only	4,36 kg (9.61 lb)
		Unpacked	4,67 kg (10.23 lb)
		Packaged	5,57 kg (12.28 lb)
	Tilt Range	-5° to +15°	
	Swivel Range	No	
	Height Adjustable	No	
	Pivot Rotation	No	
Base	Attachable, ships detached		
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)	
	Temperature - Non-operating	-20° to 60° C (-4° to 140° F)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	10% to 85%, 38.7° C max wet-bulb	
	Altitude - Operating	+0 to 3,048 m (10,000 ft)	
Altitude - Non-operating	+0 to 12,192 m (40,000 ft)		



Technical Specifications

Eco-Label Certifications & declarations This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- IT ECO declaration

Energy Consumption
(in accordance with US Energy Star test method)

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	13.80W	13.70W	13.9W
Sleep	0.52W	0.53W	0.51W
Off	0.46W	0.57W	0.45W

Heat Dissipation*

	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
Normal Operation	46 BTU/hr	46 BTU/hr	48 BTU/hr
Sleep	2 BTU/hr	2 BTU/hr	2 BTU/hr
Off	2 BTU/hr	2 BTU/hr	2 BTU/hr

* Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Additional Information

- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC.
- This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC.
- This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
- Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.
- This product contains 0% post-consumer recycled plastic (by wt.)
- This product is 88.6% recycle-able when properly disposed of at end of life.

Packaging Materials

External:	Paper / Cardboard	774 g
Internal:	EPS (Expanded Polystyrene)	219 g
	Polyethylene high density	25 g

RoHS Compliance

Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at: http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):

- Asbestos
- Certain Azo Colorants



Technical Specifications

- Certain Brominated Flame Retardants - may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) - except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Hewlett-Packard

For more information about HP's commitment to the environment:



Technical Specifications

	Corporate Environmental Information	Global Citizenship Report http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html Eco-label certifications http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html ISO 14001 certificates: http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html
Options	HP LCD Monitor Quick Release-Part number EM870AA*	An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document. * The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). 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.
	HP USB Graphics Adapter-Part number NL571AA	Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other.
	HP Business PC Security Lock Kit-Part number PV606AA	Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point.
Other	Accessories Included	DVI-D cable, VGA cable, Audio cable, and AC Power cable
	Software	No
	User Guide Languages	English, Arabic, Brazilian Portuguese, Portuguese, S. Chinese, T. Chinese, Czech, Danish, Finnish, French, Greek, German, Bahasa Indonesia, Hebrew, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Russian, Swedish, Slovak, Spanish (International), Turkish
	Warranty Languages	English, Arabic, French, Spanish, German, Danish, Norwegian, Swedish, Turkish, Dutch, Finnish, S. Chinese, T. Chinese, Japanese, Korean, Bahasa Indonesia
	Color	Black
	VESA External Mounting	Yes (one set of standard 4-hole pattern, 100 mm). Use of the top VESA 4-hole pattern will allow the user to set monitor head lower to the desk surface.
	Security Lock-Ready	Yes
Certification and Compliance		CB, CE, TUV, Microsoft® Windows® XP, Windows Vista®, Windows® 7
Compatibility		Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
Service and Warranty		Protected by HP, including a 1 year parts and 1 year labor (1/1/0) standard limited warranty. Certain restrictions and exclusions apply.**



Technical Specifications

** HP Care Pack Services extend service contracts beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/lookuptool>. Additional HP Care Pack Services information by product is available at: <http://www.hp.com/hps/carepack>.

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