



Westinghouse

# **USER'S MANUAL**

*MANUEL DE L'UTILISATEUR*

*MANUAL DEL USUARIO*

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## **M2401**



[www.wde.com](http://www.wde.com)

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## **IMPORTANT PRODUCT SAFETY INSTRUCTIONS**

Follow and obey all warnings and instructions marked on the LCD Monitor. For your safety, please read all the safety and operating instructions before you operate the LCD Monitor. Keep this user's manual for future reference.

### **Overloading**

Do not overload wall outlets, extension cords, or power strips. This can result in fire or electronic shock.

### **Power Cord Protection**

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Periodically inspect the cords and each end of the cords for damage. The LCD Monitor shall be installed near a wall socket outlet and the plug on power cord shall be readily accessible.

### **Ventilation**

Slots and openings on the cabinet are provided for ventilation purposes. To ensure reliable operation of the LCD Monitor and to protect it from overheating, these openings must not be blocked or covered.

- Do not block the openings by placing the LCD Monitor on a bed, sofa, rug or other similar surface.
- Do not place the LCD Monitor in a built-in installation such as a bookcase or rack unless proper ventilation is provided and the manufacturer's instruction have been adhered to.

### **Other Notices**

- Avoid exposing the LCD Monitor to direct sunlight or high temperatures.
- Avoid exposing the LCD Monitor to moisture or high humidity.
- Do not attempt repairs yourself. Your warranty does not cover repairs or attempted repairs by anyone not authorized by Westinghouse Digital Electronics.
- If your LCD Monitor will not be used for a long period of time, unplug the LCD Monitor.

### **Precautions**

- Avoid touching the screen. Skin oils are difficult to remove.
- Never remove the rear cover. Your LCD Monitor contains high-voltage parts. You may be seriously injured if you touch them.
- Avoid exposing your LCD Monitor to direct sunlight or another heat source. Orient your LCD Monitor away from direct sunlight to reduce glare.
- Always handle your LCD display with care when moving it.
- Place your LCD Monitor in a well-ventilated area; don't place the LCD Monitor in airtight compartments. Do not place anything on your LCD Monitor that prevents heat dissipation.
- Ensure that the area around the LCD Monitor is clean and free of moisture.
- Do not place heavy objects on the LCD Monitor, video cables, or power cord.
- If the LCD Monitor emits smoke, abnormal noise, or a strange odor, immediately turn it off and contact the Westinghouse Service Center.
- **WARNING – To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose The LCD Monitor To Rain Or Moisture!** The LCD Monitor shall not be exposed to dripping or splashing and objects filled with liquids, such as vases, shall not be placed on the Monitor.

## Safety Guidelines

**CAUTION:** The power supply outlet should be located near the LCD Monitor and should be easily accessible. Always use the appropriate AC cord that is certified for your specific country. Some examples are listed below:

USA.....	UL	Switzerland.....	SEV
Canada.....	CSA	Britain.....	BASE/BS
Germany.....	VDE	Japan.....	Electric Appliance Control Act

### IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The specific power cord for this LCD Monitor is enclosed and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set, or if the cord set is not enclosed. The female receptacle of the cord set must meet IEC-60320 requirements and should look like Figure A1 below:



### For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), UL Listed, and CSA Labeled. For LCD Monitors that are placed on a desk or table, type SVT or SJT cord sets may be used. For LCD Monitors placed directly on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for the LCD Monitor. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

Cord Type	Size of Conductors in Cord	Maximum Current Rating of Unit
SJT	18 AWG	10 Amps
	16 AWG	12 Amps
	14 AWG	12 Amps
SVT	18 AWG	10 Amps
	17 AWG	12 Amps

### FCC Compliance Statement

This equipment has been tested and complies 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 may cause harmful interference to radio communications if not installed and used in accordance with the instructions. 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 LCD Monitor and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the Westinghouse Service Center or an experienced radio/Monitor technician for assistance.

### FCC Warning

To assure continued FCC compliance, the user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable used, use only a shielded BNC (5) cable. Also, any unauthorized changes or modifications not expressly approved by Westinghouse Digital Electronics will void the user's authority to operate this device.



LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

## **CLEANING THE LCD MONITOR**

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- **MAKE SURE THE LCD MONITOR IS TURNED OFF**
- **NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE**

### **To clean the screen:**

1. Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
2. If it still is not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

### **To clean the case:**

1. Use a soft, dry cloth.
2. If it still is not clean, apply a small amount of non-ammonia, non-alcohol based, mild non- abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

### **Disclaimer**

Westinghouse Digital Electronics does not recommend the use of any ammonia or alcohol-based cleaners on the LCD Monitor screen or case. Some chemical cleaners have been reported to damage the screen and/or LCD Monitor case. Westinghouse Digital Electronics will not be liable for damage resulting from the use of any ammonia or alcohol-based cleaners.

## FEATURES

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- Bright Display Image
- Ultra Fast Response Time
- Built-in Speakers (optional)
- Power Saver
- Plug & Play
- Kensington Security Lock Compatible (optional)

### Power Saver



A power control system, **Power Saver**, is installed inside the LCD monitor. If the LCD monitor has not been used for a certain period of time, the system will turn the LCD monitor to low voltage mode to save electrical power. Slight movement of the mouse or pressing any key on the keyboard will return the original screen image. You can use your PC to set the function.

The LCD monitor is compatible with EPA ENERGY STAR and NÜTEK if used with a VESA DPMS computer. To save power, turn off the LCD monitor power when not in use.

### Plug & Play

**VESA Plug and Play** eliminates the complicated and time-consuming installation process. Your computer system will identify and automatically adjust the LCD monitor. The LCD monitor uses **Display Data Channel (DDC)** to send **Extended Display Identification Data (EDID)** to the computer system, so the computer system can automatically adjust the LCD monitor.

# INSTALLATION

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Congratulations on your purchase of a Westinghouse widescreen LCD Monitor. Sleek and practical, this lightweight LCD monitor delivers a bright and clear display optimized for high display resolution from your PC or notebook computer.

## Package Contents

Your product package includes:

- Westinghouse Widescreen LCD Monitor
- Detachable Base Stand
- AC Power Cord
- Adapter
- VGA Cable
- 3.5 mm Mini-Stereo Cable
- User's Manual
- Warranty Card

## 1. Attaching the Base Stand to the LCD Monitor

Place the base on a flat surface, align the holes and tabs and slide monitor neck onto the base until it snaps into place.

\* To remove the base stand, place monitor face down on a flat and soft surface, press the tabs on the bottom of the stand neck and remove the base.

## 2. Connect Your Computer and Other Devices

Connect one of the cables into the back of this LCD Monitor.

**IMPORTANT:** Before beginning, make sure the monitor, PC and other devices are turned off.

## 3. Connect Power Cable

Connect the AC power cord to the LCD Monitor (to the connector labeled "AC-IN") and then connect the cord into a properly grounded AC outlet.

## 4. Turn the Power On

Remove the protective film on the front of the monitor. Press the power button on the side of the LCD monitor first, and then power on the PC and A/V devices.

**NOTE:** If the monitor image looks fuzzy, adjust the computer's resolution to the preferred. To do that, you may need to download and install the latest drivers for your graphic card and reboot your computer.

## Power indicator light

- Green light expresses the signal is under normal working mode
- Red light expresses the signal not input statement

## Control Panel Buttons

Once you have installed this monitor with your system, please read the instructions. In this section, some guidelines are given on how to use the monitor more efficiently. You will be instructed to go through the various functions of the user controls and know more about how to adjust the monitor to your personal preference.

1. 	<ul style="list-style-type: none"> <li>Automatically adjust the picture in a optimal settings.</li> </ul>
2. 	<ul style="list-style-type: none"> <li>Switch 4:3 and 16:9 mode.</li> </ul>
3. 	<ul style="list-style-type: none"> <li>Exit all OSD menu.</li> </ul>
4. 	<ul style="list-style-type: none"> <li>To display the OSD menu and select functions.</li> </ul>
5. 	<ul style="list-style-type: none"> <li>To upwards the selected OSD sub-menu or increase the sound volume directly.</li> </ul>
6. 	<ul style="list-style-type: none"> <li>To downwards the selected OSD sub-menu or decrease the sound volume directly.</li> </ul>
7. 	<ul style="list-style-type: none"> <li>To turn the monitor ON or OFF</li> </ul>

### On Screen Display (OSD) Main Menu

- 1、 Press  to enter OSD Menu.
- 2、 Press  to exit all OSD Menu.
- 3、 Press  button to switch the 4:3 and 16:9 mode.
- 4、 Press +/-、 To choose six tree programs.
- 5、 Press  to enter SubMenu. Press +/- to choose the program.
- 6、 Press  to select one Menu. Press +/- to increase or decrease the selected program

## OSD Menu Functions

On Screen Display (OSD) Main Menu

1. Press  to open the OSD main menu.
2. Use the “+” and “-“ buttons to move through the displayed functions.
3. Press “

## OSD Menu

Here are the style and function frame of OSD menu for your reference. If more details, please see the OSD Menu on our introduction



## OSD Menu under PC

OSD Screen	Remarks
	<ol style="list-style-type: none"> <li>1. Press  to enter OSD menu, enter Color Menu.</li> <li>2. Press -/+ to choose Return, Brightness, Contrast. press  to choose one item (press   to exit).</li> <li>3. Press -/+ to adjust Brightness, Contrast. Press AUTO to exit.</li> <li>4. Press -/+ to “Return”, press  or  to exit.</li> </ol>
	<ol style="list-style-type: none"> <li>1. Press  to enter OSD menu, Press -/+ to enter This Menu.</li> <li>2. Press -/+ to choose Return, Auto Adjust, H Position, V Position, Clock, Phase. Press  to choose one item (press   to exit).</li> <li>3. Press -/+ to “Return”, press  or  to exit.</li> </ol>

<p>Return Auto Color Color Red 50 Green 50 Blue 50</p> <p>USER 1280 X 1024 @ 60Hz Select Move</p>	<ol style="list-style-type: none"> <li>1. Press  to enter OSD menu, Press +/- to enter this menu.</li> <li>2. Press +/- to choose Return, Auto Color, Color, Red, Green and Blue. Press MENU to choose one item (press   to exit).</li> <li>3. Press +/- to "Return", press  or  to exit.</li> </ol>
<p>Return Mute Volume 50</p> <p>USER 1280 X 1024 @ 60Hz Select Move</p>	<ol style="list-style-type: none"> <li>1. Press  to enter OSD menu, Press +/- to enter this Menu.</li> <li>2. Press +/- to choose Return, Mute, Volume. Press menu to choose one item (press   to exit).</li> <li>3. Press +/- to adjust this item.</li> <li>4. Press  or  to exit.</li> </ol>
<p>Return Language English OSD Timeout 50 Power Save 8 Reset 4:3 OFF</p> <p>USER 1280 X 1024 @ 60Hz Select Move</p>	<ol style="list-style-type: none"> <li>1. Press  to enter OSD Menu, Press +/- to enter this Menu.</li> <li>2. Press +/- to choose Return, Language, OSD Timeout, Power save Reset and 4:3. Press  to choose one item (press   to exit).</li> <li>3. Press +/- to adjust above function. (press   to exit)</li> <li>4. "Reset" makes the function into original one in factory.</li> <li>5. Press +/- to "Return", press  or  to exit.</li> </ol>
<p>Exit VGA DVI</p> <p>USER 1280 X 1024 @ 60Hz Select Move</p>	<ol style="list-style-type: none"> <li>1. Press  to enter OSD Menu. Press +/- to enter Exit menu.</li> <li>2. Press +/- to choose VGA or DVI. Press  to enter.</li> <li>3. Press +/- to "Return", press  or  to exit.</li> </ol>

## Troubleshooting

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### No Power

- Make sure the AC cord is plugged into the back of the LCD monitor.
- Make sure the AC power cord is securely connected to an AC outlet.
- Plug another electrical device (like a radio) to the power outlet to verify that the outlet is supplying the proper voltage.

### No Screen Image

- Make sure monitor is turned on.
- Make sure the video cable is securely connected to both the monitor and PC or Notebook or Audio/Video apparatus.
- Make sure you have selected the correct video input source.
- Adjust the brightness and contrast levels.

### Fuzzy Image

- Set desktop resolution on your PC to the Preferred mode.
- Perform Auto Adjust on the monitor.
- Adjust Phase/Sharpness setting on the monitor.

### “Out Of Range”



- Set screen resolution to panel native resolution at 60 Hz.

### Cannot Find "Preferred" Mode on My Display Properties

- You may need to download and install the latest video card driver for your PC. Listed below are websites for major video card manufacturers:

**Nvidia:** <http://www.nvidia.com/content/drivers/drivers.asp>

**Intel:** [http://downloadfinder.intel.com/scripts-df/support\\_intel.asp](http://downloadfinder.intel.com/scripts-df/support_intel.asp)

**AMD (ATI):** <https://support.ati.com/ics/support/default.asp?deptID=894>

### Image Too Bright or Too Dark

- Adjust the brightness and contrast levels under the OSD menu.
- Make sure the video cable is securely connected to both the monitor and PC or Notebook or Audio/Video apparatus.

### Distorted Image

- Reset the LCD monitor by performing the “Reset” function using the OSD.
- Remove extra accessories (such as a VGA extension cord).

## **Image Is Not Centered (size is not scaled correctly)**

- Perform Auto Adjust.
- Adjust the horizontal and/or vertical position using the OSD.
- Check image size setting.

## **Colors Are Incorrect**

- Make sure the video cable is securely connected to both the monitor and PC or Notebook.
- Adjust the color setting using the OSD.

## **No Sound**

- Check your audio connection.
- Check your audio settings; make sure "Mute" is off.
- Adjust the volume level higher inside of OSD Menu.

## **How to Connect a DVI-D Input To the Monitor**

- Use a DV-DVI (or DVI-HDMI) cable to connect between PC with DVI output and the DVI (or HDMI) input of the monitor.
- Start PC, monitor will indicate a DVI signal once detected via its information OSD menu.
- Audio input of the monitor will switch to its 3.5 mm stereo jack automatically.

## **Additional Questions**

- See our website at [www.wde.com](http://www.wde.com).
- Contact Westinghouse Digital Electronics Customer Service at (866) 287-5555 or write us at [service@wde.com](mailto:service@wde.com).

Please visit our website <http://www.wde.com> for more information

## **TECHNICAL INFORMATION**

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### **Preset Modes**

Mode	Display Type	H-Frequency kHz	V-Frequency Hz	Standard
WUXGA	1920x1200	75	60	VESA
UXGA	1600X1200	75	60	VESA
WSXGA	1680X1050	65	60	VESA
SXGA	1280X1024	63.5 80.0	60 75	VESA
XGA	1024X768	48.4 56.5 60.0	60 70 75	VESA
SVGA	800X600	37.9 47.2 46.9	60 72 75	VESA
VGA	640X480	35.1 37.9 37.5	60 72 75	VESA
DOS Mode1	720X400	31.5	70	VESA
DOS Mode2	640X350	31.5	70	VESA

## Product Specifications

Panel size	24" (16:10)
Active Display area	518.4mm (H) x 324.0mm (V)
Pixel Pitch	0.270mm (H) x 0.270mm (V)
Brightness	300 cd/m <sup>2</sup>
Contrast Ratio	1000:1
Response Time	5ms
Color	16.7M
Resolution	1920x1200
View Angle	160°/160°(H/V)
Power input	AC 100-240V, 50/60Hz
	DC 12V 6A
Max Power Consumption	72W
Stand By Power Consumption	<2W
Environment	Operation Temp 0°C ~ 40°C
	Humidity 10%~90%
	Storage Temp -20°C ~60°C
	Humidity 10% ~90%

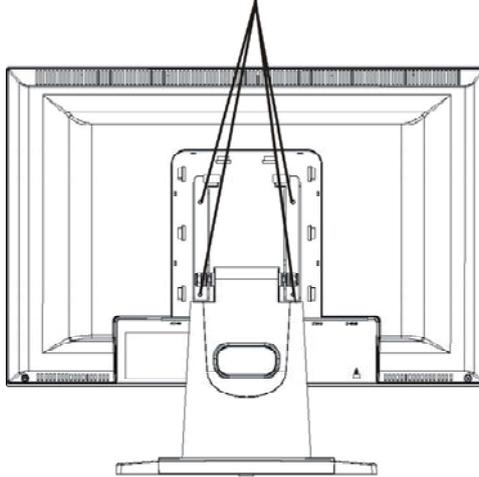
Note : Specifications are subject to change without notice

## **Wall Mounting (Optional)**

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To obtain a wall-mounting kit, contact your local dealer, Refer to the instructions that come with the base mounting kit.

Screw holes (100 mm X 100 mm)



\* Note: Please use UL Listed wall mount bracket with M4 mm x 10 mm (L) screw for application.