

USER'S MANUAL



**17" LCD Monitor
model LCM-17v2**



Westinghouse

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IMPORTANT PRODUCT SAFETY INSTRUCTIONS

Read carefully and follow all warnings and instructions in this User's Manual and those marked on the product *before* you operate your Monitor. Failure to follow warnings can result in personal injury or damage to product. Keep this User's Manual in a convenient location for future reference.

Proper Positioning of Monitor

Always handle your LCD Monitor with care. Avoid touching the LCD screen. Skin oils are difficult to remove.

Always position your LCD Monitor on a stable and level surface. Unstable surfaces can cause your LCD to topple and fall, resulting in possible damage or injury.

Avoid exposing the LCD display to direct sunlight or high temperatures, which can damage or shorten its useful life. Do not place near heat sources such as radiators, heat registers, or other appliances that generate heat.

Avoid exposing the LCD display to rain, water, moisture or high humidity. Do not place your LCD near basins or sinks where it may come in contact with water.

Orient your LCD display away from direct sunlight to reduce glare.

Never place heavy or sharp objects on the LCD display, video cable, or power cord.

Overloading Outlets

Do not overload electrical power sources when installing LCD Monitor. Overloading wall outlets, circuits, or extension cords can result in overheating, fire, or electronic shock. Use only grounded or polarized outlets.

Power Cord Protection

Minimize wear on power supply cords. Power supply cords should be routed away from foot traffic and contact with other objects. Do not route power cord under rugs or carpeting. The cord should never be severely bent, pinched, or twisted. Periodically inspect power cords for wear or damage, particularly near plug and the point where it exits from the product. Unplug cord and discontinue use if damage is discovered.

Ventilation

Slots and openings on the cabinet are provided for ventilation purposes. To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. Keep LCD Monitor a minimum of four (4) inches away from any wall to assure sufficient airflow and ventilation. Increased temperatures may cause fire or device failure.

To assure proper ventilation, do not block the openings by placing the product on a bed, sofa, rug or other similar surface. Do not place the product in a built-in installation, such as a bookcase or enclosed rack, unless proper ventilation is provided.

Other Notices and Precautions

Caution: Never remove the rear cover. There are no user serviceable parts inside. Your LCD display contains high-voltage parts. You may be seriously injured if you touch them.

Do not attempt repairs yourself. Your warranty does not cover repairs or attempted repairs by anyone not authorized by manufacturer. Refer all servicing and repairs to qualified service personnel.

If smoke, abnormal noise, or strange odor is present, immediately unplug the power cord. Contact a qualified service technician

If your LCD Monitor will not be used for extended periods of time, unplug the power cord.

Cleaning the LCD Display

- **MAKE SURE THE LCD DISPLAY IS TURNED OFF**
- **NEVER SPRAY OR POUR 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 still 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 still 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

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

Safety Guidelines

Warning: This device must be operated with the original power supply, part number: ADP-60CF A.

CAUTION: The socket-outlet should be installed near the equipment and should be easily accessible.

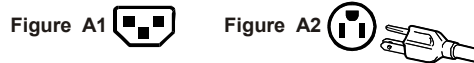
CAUTION: Use a power cable that is properly grounded. Always use the appropriate AC cord that is certified for the individual country. Some examples are listed below:

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

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord set for this unit has been 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 may 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 units that are mounted on a desk or table, type SVT or SJT cord sets may be used. For units that sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. 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 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 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:

- Increase the separation between the equipment and 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 technician for help.

FCC Warning:

To assure continued FCC compliance, the user must use grounded power supply cord and the provided shielded cables. Any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Installation

Congratulations on your purchase of a Westinghouse 17" LCD Monitor. Sleek and practical, this lightweight and wall-mountable LCD Monitor delivers a crisp and clear display optimized for 1280 x 1024 display resolution.

Package Contents

LCD Monitor includes:

- LCD Display
- LCD Base Stand Attachable
- Cables
 - DC Power Adapter Supply
 - AC Power Adapter Cord
 - VGA (HD15) Male – Male Cable
 - 3.5 mm Male – Male Stereo Audio Cable
- Literature
 - User's Manual
 - Warranty Card

Important

Save the original box and all packing material for future shipping needs.

1. Attach Base Stand to the LCD Monitor

Attach the Base Stand to the LCD Monitor stand neck. Align the holes and tabs; press in and snap into place.

2. Connect VGA Cable

Connect VGA and audio cables from your PC to the back panel of the LCD Monitor.

3. Connect Power Cables

Connect the DC power adapter cord to the LCD Monitor and then connect female AC power cord to the adapter. Plug the AC power cord into a properly grounded AC outlet.

4. Turn Power On

Press the power button on the front of the LCD Monitor display. LED light will turn green if signal input is detected, orange if no signal

OSD Menu Functions

All the function settings for your LCD Monitor are controlled via the control keys located on the bottom part of the front panel. To display the OSD main menu, press the “Menu” keypad button on the control keys.

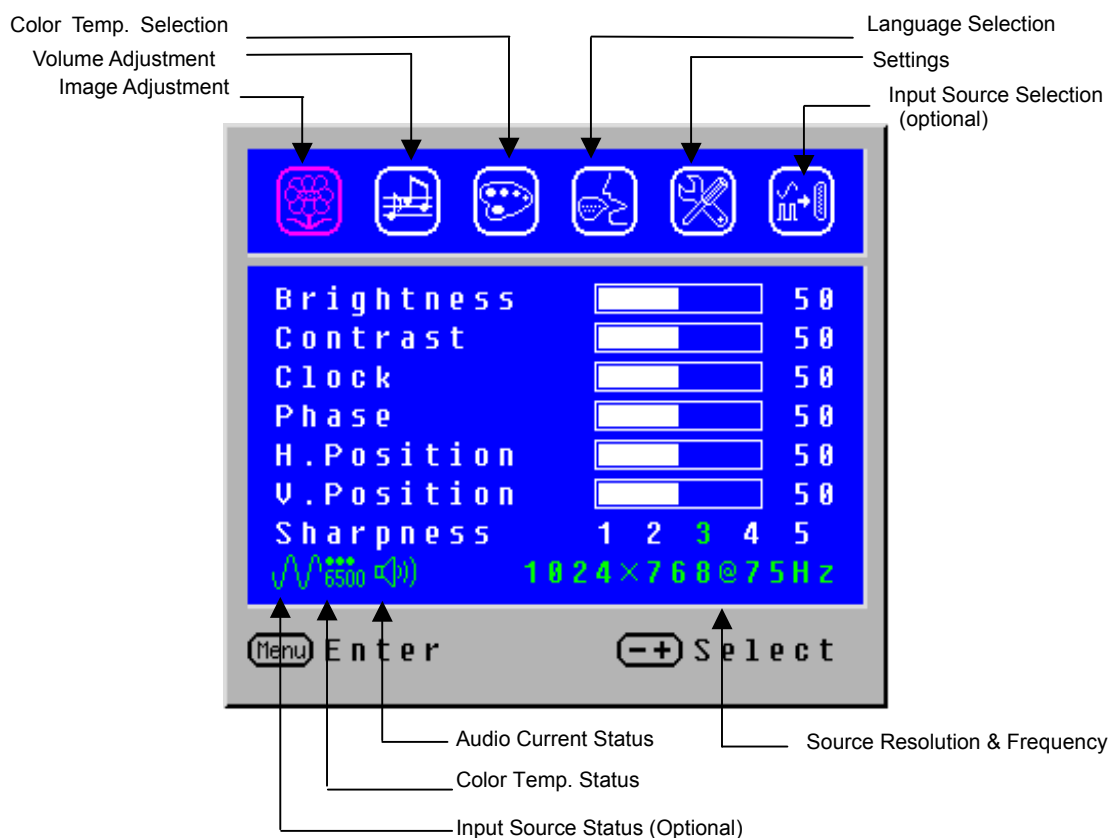
Note: The OSD menu display will disappear automatically approximately 10 seconds, if no action is taken.

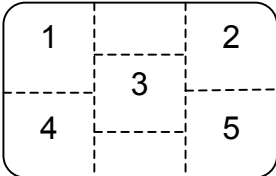


The LCD Monitor has been adjusted to optimal settings before shipment. Adjustments of the monitor can be made via the OSD menus and navigation using the keypad buttons.

- Press the “Menu” keypad button to display the OSD menu.
- Press the “+” or “-“ keypad button to select the function to be adjusted.
- Press the “Menu” keypad button to enter the OSD sub-menu to be adjusted.
- Press the “+” or “-“ keypad button to change the setting of the function.

To exit the OSD menu or go back to the previous action, click the “Auto/Exit” keypad button. It will save the changes made automatically.

Repeat above steps for changing the setting of other functions. The following is the OSD menu that displays all the sub-menus selectable on the LCD Monitor.



OSD Menus	Sub-Menus	Description and Function of operation
Image	Brightness	Adjust the brightness of the screen.
	Contrast	Adjust the contrast of the image.
	Clock	Adjust the clock pulse of the image.
	Phase	Adjust the focus of the image.
	H. Position	Move the image left and right on the screen.
	V. Position	Move the image up and down on the screen.
	Sharpness	Adjust the picture sharpness of lower resolutions.
Audio	Volume	Adjust the volume of the audio.
	Mute	Set up the audio to be mute on or off.
Color	9300K	Set up the color temp. To be 9300K white color.
	7500K	Set up the color temp. To be 7500K white color.
	6500K	Set up the color temp. To be 6500K white color.
	User/Red	Adjust red/green/blue gain.
	User/Green	
User/Blue		
Language	English	Select the language you want.
	Français	
	Italiano	
	Deutsch	
	Español	
	日本語	
	□□□□	
繁體中文		
Settings	OSD Timeout	Adjust OSD display time setting.
	OSD Position	Move OSD display position to any one of the following 5 positions within the overall screen. <div style="text-align: center;">  </div>
	Auto Setting	Set up to adjust clock, phase and positions automatically.
	Recall	Restore to factory settings
Input Source (Optional)	Analog	Select Analog input source: 
	Digital	Select Digital input source: 

Direct Control – Keypad Buttons

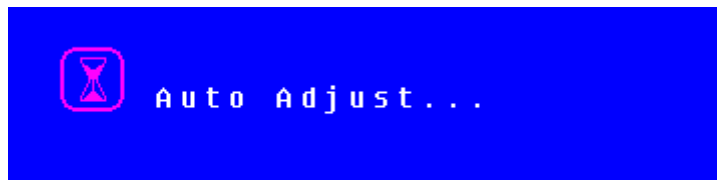
Display Modes

Pressing the Turbo button on the control keys will result in placing the LCD Monitor into a unique display mode. There are 3 modes that the user can select. Economy, Text and Picture. To toggle between these modes press the Turbo key again until the mode you desire is selected. These modes automatically change the backlighting levels between bright, brighter and brightest.



Auto

Pressing the AUTO button on the control keys will adjust automatically the picture and synch the LCD Monitor.



The LCD monitor will start the Auto Adjust process automatically and run for approximately 10 seconds, during which time you will notice the image changing and re-synching.

Image not Displayed

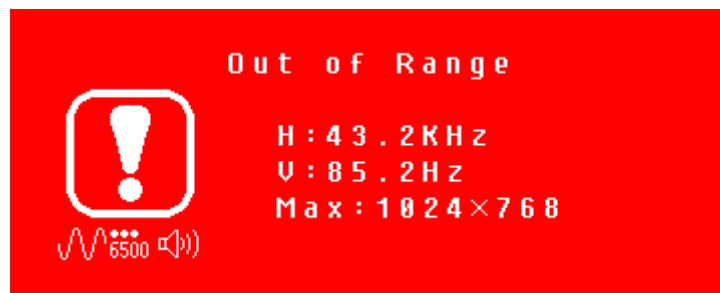
Input Source Not Found

If there is no source connected to the Input selected.



Out of Range

If the Display settings is not compatible or out of range of the LCD Monitor the following will be displayed:



Appendix

Specifications

Panel	Type	17" Color TFT LCD
Optimum Resolution		1280 x 1024
Response Time		14 ms
Contrast Ratio		350:1
Maximum Brightness		350 Nits
Viewing Angles		160° (H) / 140° (V)
Color Saturation		72% TBD
Wall/Arm Mount	Physical	75mm VESA®
Input Signal	Video	HD-15 pin mini D-Sub (VGA connector)
	Audio	3.5mm Mini-Stereo jack male-male
Speaker Output		Built-in audio amplifier and speakers, 2.5 watts * 2 channels
Power	Voltage	100-240 VAC, 50/60 Hz (auto switch), 1.5A
Operating Conditions	Temperature	32° F to +95° F (0° C to +35° C)
	Humidity	20% to 90% (no condensation)
	Altitude	To 3,000 Meter
Storage Conditions	Temperature	-4° F to + 140° F (-20° C to + 60° C)
	Humidity	10% to 90% (no condensation)
	Altitude	To 12,000 Meter
Dimensions	Physical	15.1 (w) x 16.2 (h) x 8.3 (d) in
		17.5 (w) x 18.2 (h) x 5.1 (d) in
Weight	Net	7.7 lb (2.8 kg)
Regulations		FCC-B, UL, CSA (CUL), Energy Star®, Plug & Play
Power consumption	DC on	<73W (Blue LED)
	DC Off	<3W (LED OFF)
Lamp Life		40,000 hours

Troubleshooting

No power

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

No Image

- Make sure power button is ON.
- Check whether the LCD monitor and computer power cords are plugged in and whether there is a supply of power.

Power is ON but no screen image

- Adjust brightness and contrast
- Check signal connection properly seated both on PC and Monitor.

“Out Of Range”

- Check the computer image output resolution and frequency and compare the value with the preset values of graphics card.

Fuzzy Image

- Adjust Phase.

Image to Bright or to Dark

- Adjust brightness and contrast by OSD.
- Irregular Image
- Check the signal connection between the computer and LCD monitor.
- Perform Auto Adjust.

Distorted Image

- Reset the LCD monitor. (Perform the “Recall” function by OSD)
- Take off extra accessories (such as signal extension cord).

Image is not centered. Size is not scaled correctly

- Perform Auto Adjust
- OSD Image Menu to adjust H. Position and V. Position.
- Check image size setting.

Colors are not correct.

- Use OSD Color Menu to adjust color setting.

No sound

- Check your audio connection

How do I mount the LCD Monitor on a wall

- Use the 75mm VESA hole pattern to secure mounting plate to the LCD Monitor.
- Use professional installation to reduce risk of injury and damage

How do I find more help?

- www.westinghousedigital.com
- Contact customer service at (866) 287-5555 or service@westinghousedigital.com

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