

Important Safety Instruction

Please read the following instructions carefully. This manual should be retained for future use.

1. Unplug the monitor from its power source before cleaning it. Do not spray liquid cleaners directly onto the unit. Stand away from the monitor and spray the cleaning solution onto a rag. Then clean the monitor with the slightly dampened rag.
2. Do not place your monitor near a window. Exposing the monitor to rain, water, moisture or sunlight can severely damage it.
3. The openings located on the monitor case are the needed ventilation slots. To protect the monitor from overheating, do not block these openings. For the same reason, this unit should not be placed near or over sources of heat. The unit should never be placed in a built-in installation unless adequate ventilation is provided.
4. This product is equipped with a three-prong grounding-style plug. It should only be inserted into a grounding-style power outlet. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug by bending the rounded grounding pin back and jamming it into a two-prong socket.
5. If you are using an extension cord with the monitor, make sure that the combined ampere ratings of all the products plugged into the extension cord do not exceed the extension cord maximum ampere rating. Also make sure that the total of all the products plugged into the wall outlet do not exceed 15 amperes.
6. Do not lay anything on top of the power cord. Furthermore, make sure the power cord is placed in an area where it will not be stepped on.
7. Do not push any object into the monitor's cabinet openings. They may come in contact with the monitor voltage points and short out parts which may cause a fire or give off electric shocks.

8. Do not remove the cover or attempt to service this unit by yourself. You may void your warranty. Servicing of any nature should be performed only by an authorized technician.
9. If any of the following occur, immediately unplug your monitor and call an authorized technician.
 - The power cord or plug is frayed or damaged.
 - Liquid has been spilled into the monitor, or it has been exposed to rain.
 - The monitor has been dropped or the case has been damaged.
10. Power source:
 - For 120V operation, use only a power cord which has a parallel blade grounding-type plug, rated 125V/6A min.
 - For 240V operation, use only a power cord which has a tandem blade grounding-type, rated 250V/6A min.
 - The Value Color 19ci uses a power cord with a female connector complying IEC320, rated 125V/6A min for North America, rated 250V/6A min. for the European area.
11. Power inlet is the main disconnected device.

Federal Communications Commission (FCC 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. If not installed in accordance with the instructions in this manual, harmful interference to radio communication may occur. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and 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:

- Re-orient or relocate the receiving antenna.
- Increase the space between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from the one which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

Use only shielded cables to connect I/O devices to this equipment.

CAUTION:

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Use only RF shielded cable to connect this monitor to a computer device.

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1 INTRODUCTION

Congratulations on the purchase of your new 19" ComfortView Monitor. Your new Monitor features the latest advances in personal computing technology. Its state of the art design combines ergonomics with high performance circuitry to provide a monitor with unequaled viewing quality and that is easy-to-use.

The ComfortView Monitor is Plug & Play compliant and when attached to a Plug and Play supported video adapter, the ComfortView monitor is automatically detected by your system. The monitor supports 12 factory preset viewing modes and 14 user defined modes giving greater flexibility and control over viewing conditions. The unit also features OSD (On Screen Display) which allows you to adjust the screen parameters to your viewing comfort. Upon exiting the OSD, the display changes are automatically saved to memory. Other ergonomic features include a non-glare screen and tilt & swivel adjustments.

Optional features are also available to maximize productivity and expandability when using the ComfortView Monitor.

The ComfortView Monitor complies with MPRII radiation emission, EPA power saving and VESA Display Power Management Signaling (DPMS) specifications. With the built-in power management features, the monitor can automatically reduce power consumption to less than 15 watts when the system is in the suspend mode. In the off mode, the monitor's power consumption drops to less than 3 watts.

Plug & Play

This monitor complies with the DDC1 and DDC2B (Display Data Channel) specifications. These standards, set by the VESA (Video Electronics Standards Association), specify how a monitor must communicate with the video adapter to transfer preset information such as resolutions and refresh rates. Once transferred, the information is then matched with the video adapter's supported resolutions and refresh rates. This matching allows the monitor to run at the highest refresh rate possible for the selected resolution.

Note: As described above, both the monitor and video adapter must adhere to the DDC scheme for Plug & Play to be supported.

USB Function

It features one upstream port, to be connected to a host, and you can adjustment the monitor from the PC.

Unpacking

Please make sure the following items are in the shipping package and found in good condition :

- 19" ComfortView Monitor
- Tilt and swivel stand
- Power cord
- Signal Cable
- This manual

Depending on the options purchased you may or may not have the following :

- One USB cable

If any of the above are missing or appear damaged, please contact your dealer immediately.

2 INSTALLATION

Connecting the Monitor and Stand

- Align the stand's four tabs with the slots on the bottom of the monitor.
- Insert the tabs into the slots.
- Slide the stand towards the front of the monitor and secure.

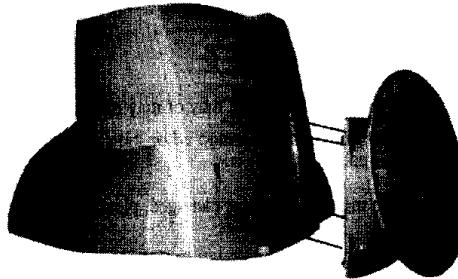


Figure 1 : Monitor and Stand Connection

Choosing A Workstation

When choosing an appropriate workspace, keep these few things in mind :

- A sturdy, level surface.
- An electrical wall outlet and a telephone wall jack near the computer.
- At least 3-inch clearance at the back of the computer to allow for the required airflow.
- Do not place near a window. Exposing the Monitor to direct sunlight for extended periods may damage the unit.
- You may want to use a desk lamp to adjust the ambient lighting for your viewing comfort.
- A viewing filter is recommended to reduce eye stress and fatigue.

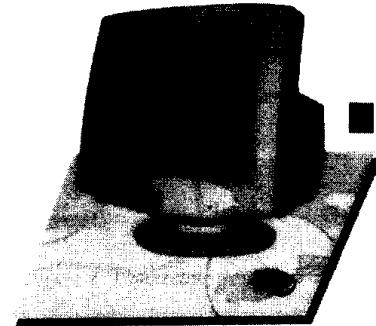


Figure 2 : The Workstation

3 OPERATION

Tilt & Swivel Adjustments

The monitor is capable of both tilt and swivel adjustments.

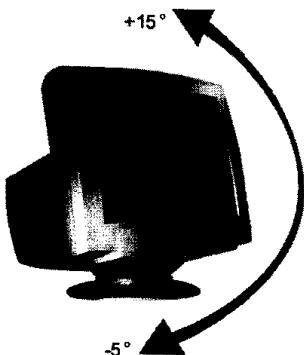


Figure 5 : Tilt Adjustment

- With the tilt feature, the monitor is capable of vertical adjustments of +15° to -5°.
- The swivel feature allows for horizontal monitor adjustments of +60° to -60°.

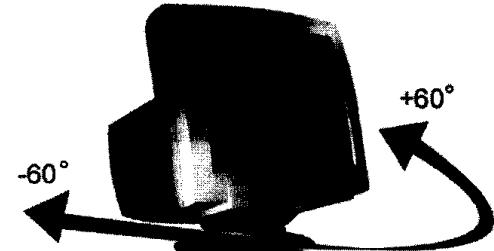


Figure 6 : Swivel Adjustment

Power Controls

The power controls are located on the right side of the monitor's front panel.

Power Switch 

When the power switch is in its outer most position, it is in the OFF position. Likewise, when the power switch is in its inner most position it is in the ON position.

Power LED

Three different colors are used to indicate the monitor's power saving status.

- Green indicates the Monitor is in the ON mode.
- Amber indicates the Monitor is in the Suspend mode & OFF mode.

4 ICON DESCRIPTIONS

Controls	ICON	Function
Contrast		This field allows you to adjust the display contrast level to accommodate the ambient lighting conditions of your working environment.
Brightness		This field allows you to fine tune the display brightness level.
H-Size		This field allows you to stretch or squeeze the display area horizontally.
H-Position		This field allows you to adjust the display to the right or to the left.
V-Size		This field allows you to stretch or squeeze the display area vertically.
V-Position		This field allows you to adjust the display up or down on the screen.
Pincushion		This field allows you to alter the image geometry of the display area to prevent the image from curving either inwardly or outwardly.
Trapezoid		This field allows you to stretch or squeeze the top or bottom of the display.
Parallelogram		This control adjusts for a skewing of the screen image
Pin Balance		This control adjusts for unevenness between the Right and Left of the screen image.
Moire-V		This control removes the moire on the screen image due to interference between CRT dot pitch and video signal. Note! In some cases, this function may cause deterioration of display quality, such as focus, jitte, etc.

Rotation		This control adjusts the tilt of the screen image relative to a horizontal line.
Color		This is control selects the different color temperature (user, 6500° k, 9300° k) of the screen image. Select user color, and press OTC to adjust the relative amounts of red, blue and green in the image.
Language		This control allows the user to choose the language in while the control names are display. (English • Francais • Deutsch • Inglese • Espanol)
Recall		This control recalls certain factory settings such as size, position, geometry and color. If the monitor is operation in a user mode, this control has no effect.
Input Level		This filed allows you to select. Input signal level 0.7V or 1.0V.
Degauss		This is control removes the build-up of magnetic fields that can affect color purity and convergence. Note : The picture shakes while degaussing is taking place. After internal degaussing the circuitry takes about 30 minutes to regain its maximum power.
Disp freq		This field show the Horizontal & Vertical frequence.
Exit		This control turn off the OSD menu. If does not use the OSD, it will be disappeared automatically in 10 seconds.

5 TECHNICAL SPECIFICATIONS

Specifications

Model	19" ci
Screen	19CRT
Dot Pitch (mm)	0.25
Surface	Non-glare
Display Size	18"
Scanning Frequency	
Horizontal (KHz)	95
Vertical (Hz)	120
Max. Resolution	1600 × 1200
Band Width	150MHz
Compatibility	IBM, VGA, SVGA, 8514A, and VESA
Plug & Play	DDC1 & DDC2B
Display Colors	Unlimited
Signal Cable	Captive 15 pin, mini D-sub
Power	
Consumption	130
Supply	100-250V AC 50/60Hz
Power Management	Complies with EPA & VESA DPMS

Preset Timing

Mode	F. Horizontal	F. Vertical
IBMVGA 640×400	31.5KHz	70.1Hz
VESA 640×480	31.5KHz	59.9Hz
VESA 800×600	48.0KHz	76.2Hz
VESA 800×600	53.5KHz	85.0Hz
VESA 1024×768	56.5KHz	70.1Hz
VESA 1024×768	68.7KHz	85.0Hz
VESA 1280×1024	64.0KHz	60.0Hz
VESA 1280×1024	78.9KHz	75.0Hz
VESA 1280×1024	91.0KHz	85.0Hz
VESA 1600×1200	81.3KHz	65.0Hz
VESA 1600×1200	87.5KHz	70.0Hz
VESA 1600×1200	93.7KHz	75.0Hz

6 TROUBLE SHOOTING

This section will try to anticipate potential problems that you may encounter in the day-to-day use of your monitor. Included in this section is information which should help solve these problems for you. If after trying the suggested solutions, your monitor still does not function properly, please contact your authorized service center.

Power

Symptom : The monitor is switched On, but the power LED is not lit.

Solution : Switch the monitor Off. Then check to make sure that the power cord and signal cable are properly connected. If the monitor is plugged into a powered extension cord or a surge protector, make sure that extension cord or the surge protector is turned on.

Display

Symptom : The display image is either not centered, too small, or too large.

Solution : Adjust the size and position controls.

Symptom : The display image is either dangling or unstable.

Solution : Make sure that the signal cable's D-shaped connector is properly connected to the video adapter port on the back of the PC.

Symptom : The picture is bouncing or a wave pattern is present in the display.

Solution : Move any electrical devices away from the monitor which may cause display interference. Please refer to the FCC statement at the beginning of the manual for more details on display interference.

Symptom : Some sections of the display are discolored.

Solution : This may be due to electro-magnetic interference. Try to manually degauss the monitor. If this does not work, turn Off the monitor for 15 minutes. If the problem persists, call your authorized service center.