FEDERAL COMMUNICATIONS COMMISSION (FCC) WARNING

Instruction to Users

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 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.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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 radio/ TV technician for help.

This equipment has been certified to comply with the limits for a Class B computing device, pursuant to part 15 of the FCC rules. Only peripherals (computer input / output devices, terminals, printers etc.) certified to comply to the Class B limits may be attached to this computer. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Remarks

To meet FCC requirement, shielded cables are required to connect the device to a personal computer or other Class B certified device.

Information to Users

Any change or modifications expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

DOC NOTICE

This product conforms to Canadian Class B emissions regulations.

Ce produit est conforme aux réglements d'émission Canadienne class B.

INTRODUCTION

This microprocessor-based, digital control 15” color monitor is a high performance and easy to use product.

It employs the latest on-screen-menu technology. The microprocessor capability offers 12 most commonly used VESA timing modes preset in the factory, and 6 modes for user to adjust to the special timings that user might have.

We hope that you will find this manual is helpful in obtaining the fullest use of your monitor, and in ensuring your personal safety during operation.

POWER SAVING

The monitor will be driven to different power saving states upon receiving control signals from the display controller, this meets the EPA (Environment Protection Agency) Energy Star requirements and reduces power consumption.

The monitor will work in the following 4 states according to the VESA standard Display Power Management Signal:

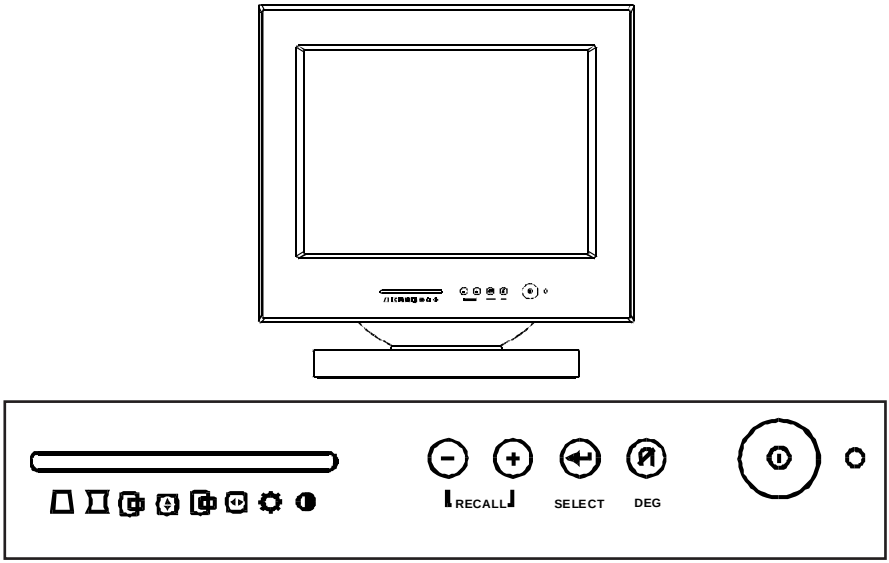
State	Power Consumption	LED Light
ON	Normal	Green
STANDBY	<15W	Yellow
SUSPEND	<15W	Yellow
OFF	< 8W	Amber

The power saving states will be kept until a control signal has been detected or the keyboard or mouse is activated. The recovery time from STANDBY/ SUSPEND state to ON state shall be within 3 seconds. It will take about less than 15 seconds from OFF state back to ON state.

INSTALL THE MONITOR

- To connect the tilt/swivel base to the monitor, align hooks with the sockets on bottom side of the monitor, and gently push the base towards the front of the monitor.
- The 15-pin D-shell signal connector on the signal cable will connect easily to the video adapter output on your personal computer. Lock both screws on the connector to ensure a firm connection.
- Turn the PC power switch ON. Then turn the monitor power switch ON, by pressing the switch inward. The green power indicator will light up.
- Allow about 30 seconds for the CRT tube to warm up. Data will be displayed on the screen.
- If your display fails to function properly, please first refer to the section "Troubleshooting" in this manual.

USER CONTROLS AND INDICATORS



1. Press " ↵ " button to select control parameters in sequence as belows

Sequence	1	Contrast
Sequence	2	Brightness
Sequence	3	Horizontal Size
Sequence	4	Horizontal Position
Sequence	5	Vertical Size
Sequence	6	Vertical Centering
Sequence	7	Pincushion/Barrel
Sequence	8	Trapezoid

   Then repeat from sequence 1.

   Keeping on pressing button continually, the sequence will repeat automatically.

2. Push “+” or “-” button to adjust the value of the selected function. When the control value reach the maximum value (either positive or negative) the LED will flash, indicating that no more adjustment value is possible.

3. The “Recall” function is activated by pressing “+” and “-” buttons at the same time.

4. The manual “Degaussing” function enables user to clear the picture impurity caused by monitor position/ orientation change.

When adjustments have been done, all data will be stored into system memory immediately.

TROUBLESHOOTING

If your monitor fails to operate functionally, it may be possible to correct the problem by making simple checks as follows:

Problem	Check & Adjust	
Blank screen (* note.)		Monitor power switch, power cord, signal cable, or connector PC power switch Brightness & contrast controls
Display position off-center		Vertical centering & horizontal phase controls
Display too small or too large		Vertical & horizontal size controls
Display too bright or too dim		Brightness & contrast controls

Refer to the operation instructions for your computer/ video adapter to ensure that you have the correct signal output source for the monitor. Ensure that the switches on the video adapter are set correctly for operation with this monitor.

If the above steps fail to correct the problem contact your dealer for servicing by qualified service personnel.

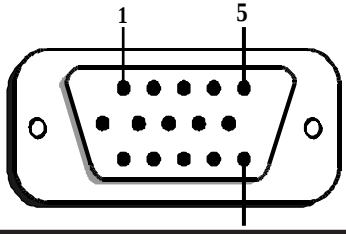
Please remember that the monitor should be returned for servicing together with the power cord.

* Note: You can easily distinguish the problem is on the monitor or on the computer by using the monitor's built-in selftest function.
With the monitor power ON, disconnect the signal cable from monitor. If there is no image on the monitor screen, disconnect the signal cable. If a full-white image is diaplayed on the screen, the monitor is function properly, and the problem is at PC side, or signal cable.

SERVICING

Refer all servicing to qualified service personnel.
Serious shock hazards exist within the covers of this monitor.
Do not open the covers under any circumstances- there are no serviceable parts inside.

SIGNAL CONNECTOR INFORMATION



Pin	Function	Pin	Function
1	Red signal	9	NC
2	Green signal	10	Digital ground
3	Blue signal	11	Ground
4	Ground	12	SDA (DDC1/DDC2B)
5	*	13	Horizontal Synchronization
6	Red return	14	Vertical synchronization & VCLK (DDC1)
7	Green return	15	SCL (DDC 2B)
8	Blue return		

***Note:** This pin is used for self test detection; at PC side, this pin has to be connected to ground.

TECHNICAL SPECIFICATIONS

Screen Size	15" visual diagonal Viewable screen size 13.8" Anti-Glare Coating	Current Rating	1.4 A
Dot Pitch	0.28 mm	Power Consumption	80 W (MAX.)
Display Area (H x W)	196 x 262 (mm), typical	Dimension	375.5 X 380 X 388 (mm)
Display Colors	Infinite	Weight	12.2kg
Max. Resolution	1024 Dots x 768 Lines	Operating Temperature	10 C to 35 C
Compatibility	All graphic modes with horizontal frequencies between 30 KHz to 54 KHz	Storage Temperature	0 C to 65 C
Synchronization Horizontal: Vertical:	 30 to 54 KHz 50 to 120Hz	Humidity	20% to 80% (non-condensing)
Input Signal	Video RGB Analog Sync. TTL Separate	Altitude	Up to 7000ft
Signal Cable	15-pin D-sub connector	MPRII	MPR 1990:10, Low Radiation model only (Optional)
Power Input Voltage Frequency	 100 to 240V AC 50 - 60 Hz		

* Specifications are subject to change without notice.

PRESET MODES

Mode	Resolution (H x V)	H. Freq. (KHz)	V. Freq. (Hz)	Mode	Resolution (H x V)	H. Freq. (KHz)	V. Freq. (Hz)
1	720 x 350	31.4	70	7	800 x 600	37.8	60
2	720 x 400	31.4	70	8	640 x 480	43.3	85
3	640 x 480	31.4	60	9	800 x 600	46.8	75
4	800 x 600	35.1	56	10	800 x 600	48.0	72
5	640 x 480	37.5	75	11	1024 x 768	48.3	60
6	640 x 480	37.8	72	12	800 x 600	53.6	85