

POWER SAVING MODE(S)

If your computer system features a display power management function, the Monitors enter into the power saving modes as follows.

When it is used with a computer system equipped with DPMS(VESA) this Monitor provides an EnergyStar compliant function. If your computer does not feature display power management, please source an optional DPMS software program.

Power saving modes greatly reduce power consumption when the computer is temporarily not in use. Simply press any key or mouse button to return the Monitor display to normal operation.

	Normal Operation	Power Saving function EPA		
		stand-by	suspend	Power Off
H-Sync	Active	Inactive	Active	Inactive
V-Sync	Active	Active	Inactive	Inactive
Video	Active	Blanked	Blanked	Blanked
LED Color	Green	Orange/Green Blinking(1sec)	Orange/Green Blinking(0.5sec)	Orange
Power Consumption	35 Watts	8 Watts	5 Watts	5 Watts



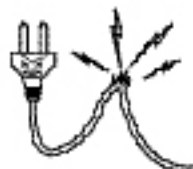
STANDARD SIGNAL TIMING CHART

If the signals conveyed from the computer match the following standard signals, the screen automatically controls the signals. Conversely, if the signals do not match, the screen will not appear or only the power light would activate. Therefore it is important that you first set as the following, with reference to the Video Card Guide.

	Resolution	Frequency			Polarity	
		Horizontal(KHz)	Vertical(Hz)	Clock Frequency(MHz)	H	V
1	640×350	31.5	70.0	25.175	+	-
2	640×400	31.3	70.0	25.056	-	-
3	720×400	31.5	70.1	28.322	-	+
4	640×350	31.9	85.1	31.500	+	-
5	720×400	31.9	85.0	35.500	-	+
6	640×480	31.5	59.9	25.175	-	-
7	640×480	31.9	72.8	31.500	-	-
8	640×480	31.5	75.0	31.500	-	-
9	640×480	43.3	85.0	36.000	-	-
10	800×600	35.2	56.3	36.000	+	+
11	800×600	31.9	60.3	40.000	+	+
12	800×600	48.1	72.2	50.000	+	+
13	800×600	46.9	75.0	49.500	+	+
14	800×600	53.7	85.1	56.250	+	+
15	832×624	49.7	74.5	57.283	-	-
16	1024×768	48.4	60.0	65.000	-	-
17	1024×768	56.5	70.1	75.000	-	-
18	1024×768	60.0	75.0	78.750	+	+

PRECAUTIONS

The below precautions should be carefully followed for the effective function of the product and safety of users.



Do not use damaged plugs or worn out outlets.
(Danger of electrocution)



Do not expose the product to severe impacts.
(This could occur damage)



Do not try to disassemble, repair, renovate the product without expert assistance. (Contact the service center for parts needing repair)



In weather conditions of thunder and/or lightning, or when you will not be using the product for a long period of time, leave the plug out of the outlet. (Danger of electrocution)



Do not try to bend the cord or put it under heavy objects.
(Danger of electrocution, fire)



Do not leave the product in damp or wet places as there is danger when the product is exposed to water or metal.
(Danger of electrocution)

Other Precautions

In cleaning the product take out the plug from the outlet, wipe with a soft and clean cloth then with water. Never use benzene, alcohol or other cleaners. (Contact the service center or a store near you for static controllers and cleaners. The LCD polarizing plate may peel off or the product may decolorize, dissolve, or crack.

TROUBLE SHOOTING

When failure or problems occur, refer to the following, for further assistance, contact our customer support centers.

The power does not turn on	• Check whether the plug is in place and try to reconnect it.
The “No signal” sign does not appear	• Check if the signal cable is properly connected to the computer or video card and try to reconnect it.
“Non Supported” appears on the screen.	• Set the resolution and frequency compatible to the monitor.
The screen looks like it is melting	• Check the connection of the monitor and the signal cable of the computer.
The screen trembles	• Check if the resolution and frequency of the computer or the video card is set to accommodate the monitor and then reset the screen according to the present mode of the monitor menu and the standard signal timing chart.
A shadow appears on the screen	
The screen is too bright	• Try to control the brightness or contrast of the screen.
The color of the screen appears as if there is a shadow.	• Go to the OSD color control menu, the user mode and control the color.
White does not seem to look like white	
The screen is not in place	• Recontrol image setting
There is no sound	• Check the connecting cable.
The volume is too low	• Control with the up and down buttons.
The sound is dull	• Control with the up and down buttons.
The power light is orange or flickers	• Check if the computer is on safe mode. Press on the PC keyboard or move the mouse. The screen will appear.
The screen is blurry	• Control the screen's frequency and clarity.

Category		Specification
LCD (PANEL)	Screen Size	15 Inch (Diagonal Length)
	Visible Screen Size	304.128(Horizontal) X 228.096(Vertical)mm
	Pixel Range	0.297(Horizontal) X 0.297(Vertical)mm
	Type	a-si TFT LCD(Liquid Crystal Display)
	Visual Angle	Upper 60°/Lower 60°/Upper 65° / Lower 65°
Frequency	Horizontal Frequency	30~70 KHz (Auto Set)
	Vertical Frequency	56~65 Hz (Auto Set)
Color Display	Display Color	262,144 Color
Input Signal	Sync	TTL LEVEL Positive/Negative
	Video Signal	Analog 0.714Vp-p POSITIVE (75Ω)

Sync Signal	Separate Sync Signal	TTL LEVEL POSITIVE OR NEGATIVE
	Composite Sync Signal	TTL LEVEL POSITIVE OR NEGATIVE
	Green Video Composite	Composite sync.Vp-p Negative (video 0.7Vp-p positive)
Power/Voltage	Voltage Use	Flaw 100~240V, 60Hz/50Hz DC 12V/3.5A
Energy Consumption	Regular Energy Consumption	Maximum 35W
	Safe Mode Consumption	Under 5W
Movement Conditions	Temperature	-20°C ~ 40°C
	Humidity	5% ~ 95%
Size	Excluding Base	380 X 58 X 386
	Including Base	380 X 163 X 383.5
Weight	Net	4.8 Kg (10.5 lbs)
	Gross	7 Kg (15.4 lbs)

The above specifications can be changed without prior notice for quality improvement.