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1. PRODUCT FEATURE

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## 1. PRODUCT FEATURE

### 1. Product features

#### • 15.1 Inch Color TFT-LCD Panel

Guarantee board view point. The real screen size is 370mm x 230mm

#### • OSD Function (ON SCREEN DISPLAY)

Loading OSD for convenient operation

#### • Auto Adjustment Function

Perfect auto adjustment of sampling clock, frequency, phase, H/V center, balance.

#### • Slim Design

TFT-LCD is able to reduce the space at 60 ~ 70% than CRT monitor.

#### • Environmentally Harmony

The power consumption can be reduced by using the TFT-LCD monitor in combination of a computer that conforms to the VESA DPMS (Display Power Management Signaling) standard.

#### • Plug-and Play Compatible

This TFT-LCD monitor conforms the VESA (Video Electronics Standard Association) standard and DDC1/DDC2B. A picture adjustment function makes it possible to adjust the image quality to match the input signal.

### - Installing and Operating Precautions

Observe the following basic rules for installation, usage, and service in order not to defect the safeguards incorporated into this monitor.

- 1) Place monitor at over 5cm~15cm distant from wall not to block the ventilation opening
- 2) When you plug out hold the plug, may cause fire hazard or electronic shock
- 3) Do not open the monitor, it may make fire hazard
- 4) Do not place the monitor in exposed place and near water
- 5) When moving the monitor, hazard off and disconnect all cables and plug .
- 6) Do not use liquid or aerosol cleaner, shock or fire hazard may result
- 7) Do not use a sharp tool to avoid the scratch on the LCD panel or surface
- 8) Install the monitor to a same place. We don't take responsibility for the damage which is caused by user
- 9) When disconnecting from the wall outlet, grab the plug .  
Grabbing the cord may result in heat generation or fire hazard

**We don't take responsibility for the damage which is cause by natural calamities**

**TFT-LCD MONITOR**

**(User's Manual)**

**2. GENETAL SAFEFTY PRECAUTIONS**

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**TFT-LCD MONITOR**

(User's Manual)

- 3 -

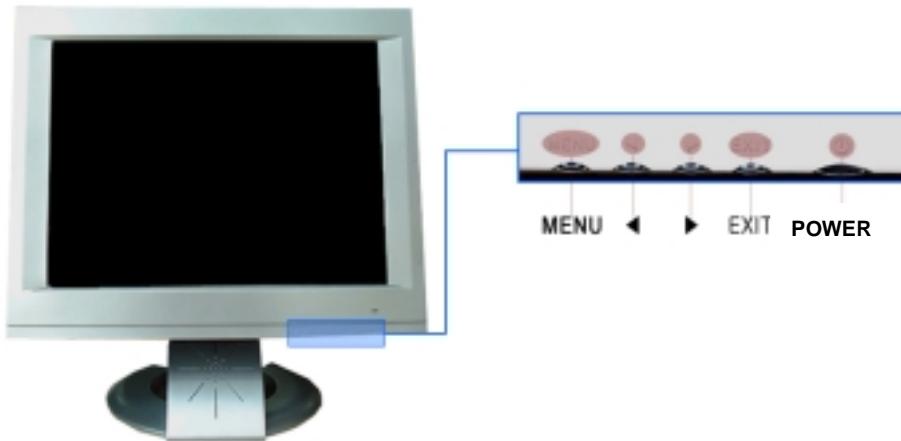
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## 2. GENETAL SAFETY PRECAUTIONS

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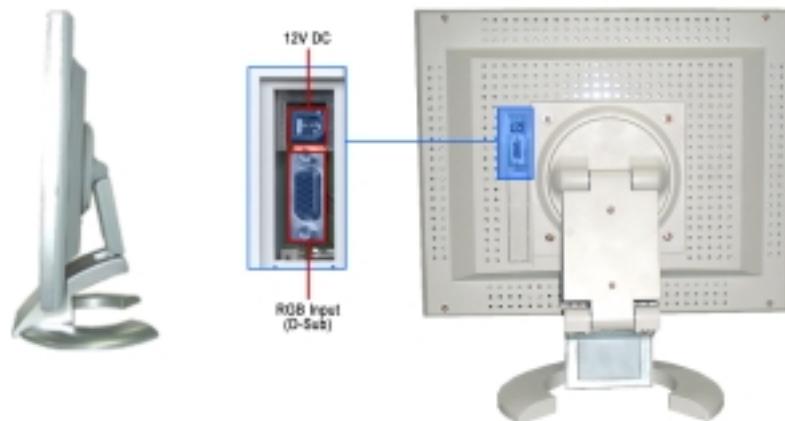
— The name of parts

<Front View>



<Rear view>

<Side view>



### 3. INSTALLATION

#### - Basic accessories

Please make sure the following items are included with your monitor. If any items are missing, contact your dealer.

Adapter (DC12V – 3.3A) - 1 SET  
AC cable – 1 SET  
D-SUB cable – 1 SET  
Manual – 1 SET

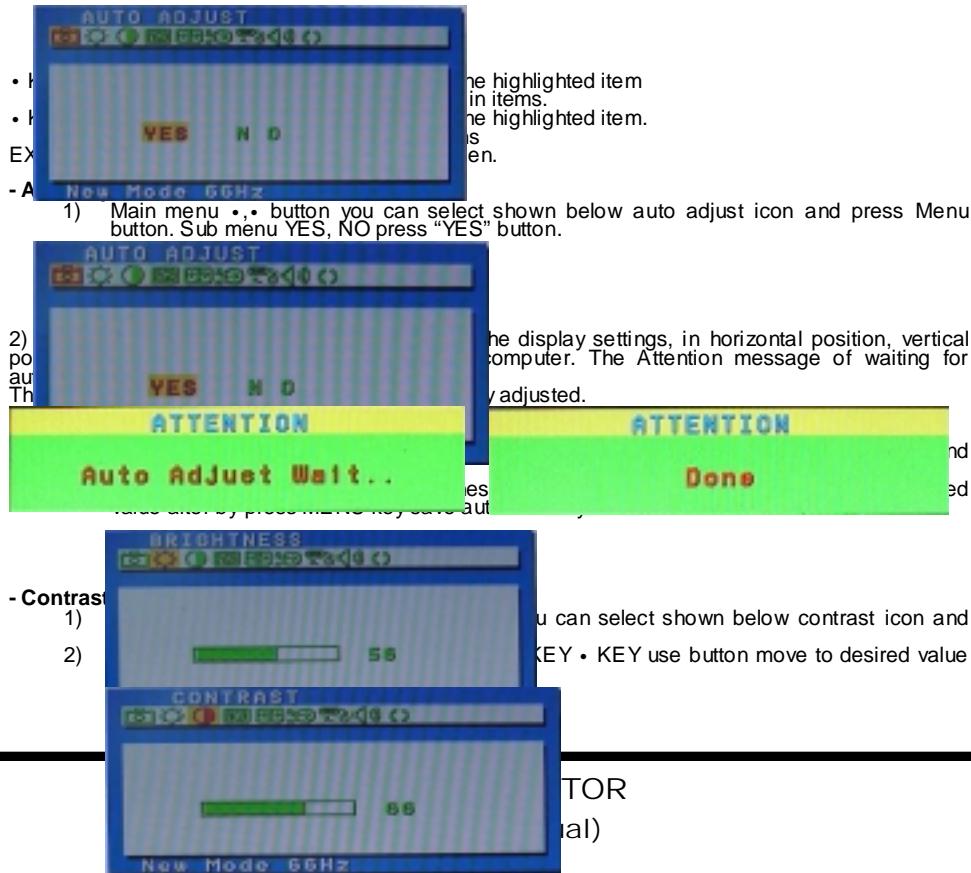


**- Connecting to the computer**  
• **Adjust VGA mode**

- 1 Turn off the computer and the monitor.
- 2 Place TFT-LCD monitor on a stable place and connect the Adapter to AC cable.
- 3 Connect D-SUB cable to the computer and screw the opposite cable after connecting it to RGB input.
- 4 Connect the power plug into wall outlet.
- 5 Turn off the computer and the monitor after operating.

#### - Description of Function buttons and Indicators

**MENU KEY** – Press menu button it will display and select the highlighted 9 items by key button.



## 4. DESCRIPTION OF MONITOR FUNCTION

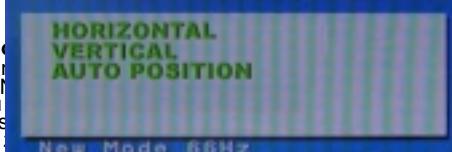
## - Color

- 1) In MENU mode use KEY, KEY button you can select shown below color icon and press MENU button SUB MENU will be display on the screen.
- 2) Sub MENU mode selected items you can change you want by moving the KEY, KEY increase or decrease desired value after press MENU button setting value automatically.



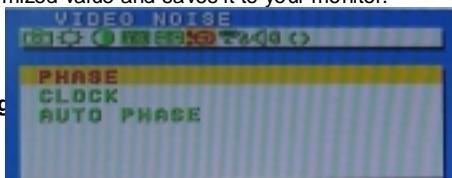
## - Position

- 1) Select shown below position icon and press the screen. 2) Sub MENU mode selected KEY, KEY increase or decrease desired value automatically.



## - Video Noise

- 1) In MENU mode use KEY, KEY button you can select shown below video noise icon and press MENU button SUB MENU will be display on the screen. 2) Sub MENU mode items selected KEY, KEY increase or decrease desired value after press MENU button setting value automatically. 3) LOCK adjustment under VIDEO NOISE reduces the vertical flicker of the screen to a minimum. **AUTO PHASE** function searches the optimized value and saves it to your monitor.



## - Input select

- 1) Select shown below input select icon and press the screen. 2) Sub MENU mode items selected KEY, KEY increase or decrease desired value automatically.



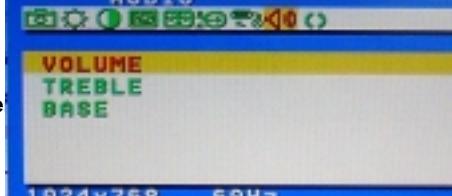
## - TV/Cable

- 1) In MENU mode use KEY, KEY button you can select shown below TV/cable icon and press MENU button SUB MENU mode items press YES button. 3)



## - Audio (C)

- 1) In MENU mode use KEY, KEY button you can select shown below audio icon and press MENU button SUB MENU mode items selected you can change you want by moving the KEY, KEY increase or decrease desired value after press Menu key save automatically.



## - Misc Me

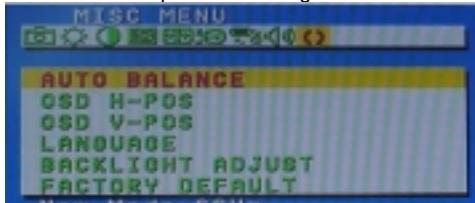
- 1) Select shown below misc menu select icon and the screen.
- 2) Sub MENU mode items selected you want by moving the KEY, KEY increase or decrease desired value after press Menu key save automatically.

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## 4. DESCRIPTION OF MONITOR FUNCTION

- 3) Factory Default makes the value of Phase, Clock, H-position, and V-position return to initialized settings. In this mode, you can select one of three different kinds of signal to make it match with what you want to display.
- 4) Auto Balance is used to optimize the value of RED, GREEN, BLUE for displaying customer's monitor.
- 5) OSD H-POS and OSD V-POS are so useful for shifting all around on the screen to let you work comfortably.
- 6) Languages. The default is English, Spanish, French, German, or Italian.
- 7) Backlight Adjust is used to control the brightness by voltage flowing to the inverter and make the life of panel used longer.



## - OSD

The monitor will detect various display situations automatically. When the monitor detects the problems, the screen will automatically show the different message to remind you.

ATTENTION MESSAGES	DESCRIPTION
	This screen is displayed when there is no signal input. Please check that the signal cable properly connected to the DVD player or PC.
	This screen appears when the monitor is about to enter the sleep mode. Please press keyboard or click the mouse to wake up the monitor and computer.
	This screen warns when input from the computer is not a standard video mode by VESA or monitor's scanning range. Please change the display mode of the operating software to 1024*768 @60Hz for best display results.
	This screen shows when input from the computer is not connected properly. Please check that the signal cable properly connected to the PC.
LED Indicators	LED Indicators
	Status
	LED Color

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(User's Manual)

## 4. DESCRIPTION OF MONITOR FUNCTION

Power LED	Full power mode	Green
	Sleep mode	Amber (blinking)
	No signal input	Amber (blinking)
	Out of Range	No light
	Cable Disconnect	Amber

## Specification (15.1" TFT-LCD Monitor)

Model	Content
Type	15.1 inch (Color TFT-LCD monitor)
Pixel pitch	0.3 x 0.3mm
Viewing angle	75° (left / right), 55° (up), 60° (down)
Color	262,144
Pixel format	1024 x 768 / 75Hz
Frequency	(H) 30 ~ 62KHz, (V) 43 ~ 75Hz
Input connector	15P D-SUB
Power requirement	DC 12V, 3.3A
Dimension	380 x 375 x 180mm (Width x Height x length)
Box	410 x 420 x 200mm (W x H x L)
Resolution	1024 x 768(XGA)
Contrast	250:1
AC/DC adaptor	AC100 ~ 240V 50/60Hz 1.3A
Weight	5.5 kg
Product approvals	UL, FCC, CE, EMI
Color	Ivory, Dark gray, Silver
Option	Speaker (5W), TV Tuner (NTSC/PAL)

## Troubles shooting

In case of trouble, check these items before calling the service center.

1. The power is in off position and no image  
Check the power cable if it is completely connected to monitor.  
Check the power switch if it turn on. If the power switch is green, it means operating
2. No image and display power saving off mode.  
If the power switch is flicking red or orange, check the computer.  
If it is turn on and the cables completely connecting to computer.
3. Lost the balance of the screen  
Adjust horizontality, verticality and horizontal size.
4. The text is unclear or display Noise  
Adjust phase
5. The screen is dark  
Adjust luminosity and contrast
6. No image and display out of range  
Check the video card mode if it is over XGA (1024X768)  
After booting the system by safety mode, setting the applicable mode.  
Turn on the monitor

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## INFORMATION TO THE USER (Part 15, Section 15.105(b))

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### INFORMATION TO THE USER

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 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 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 radio/TV technician for help.

### WARNING (Part 15, Section 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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