

# **USER'S MANUAL**

## **17" TFT LCD Monitor**



**User's manual Ver D3.0E**

# LCD MONITOR

## USER'S MANUAL

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### Safety Instructions

1. Before connecting the AC power cord to the DC adapter outlet, make sure the voltage designation of the DC adapter corresponds to the local electrical supply.
2. Never insert anything metallic into the cabinet openings of the Liquid Crystal Display (LCD) monitor; doing so may create the danger of electric shock.
3. To avoid electric shock, never touch the inside of the LCD monitor. Only a qualified technician should open the case of the LCD monitor.
4. Never use your LCD monitor if the power cord has been damaged. Do not allow anything to rest on the power cord, and keep the cord away from areas where people can trip over it.
5. Be sure to hold the plug, not the cord, when disconnecting the LCD monitor from an electric socket.
6. Openings in the LCD monitor cabinet are provided for ventilation. To prevent overheating, these openings should not be blocked or covered. Also, avoid using the LCD monitor on a bed, sofa, rug or other soft surface. Doing so may block the ventilation openings in the bottom of the cabinet. If you put the LCD monitor in a bookcase or some other enclosed space, be sure to provide adequate ventilation.
7. Put your LCD monitor in a location with low humidity and a minimum of dust.
8. Do not expose the LCD monitor to rain or use it near water (in kitchens, near swimming pools, etc.). If the LCD monitor accidentally gets wet, unplug it and contact an authorized dealer immediately. You can clean the LCD monitor with a damp cloth when necessary, but be sure to unplug the LCD monitor first.
9. Place the LCD monitor on a solid surface and treat it carefully. The screen is made of thin glass with a plastic front surface and can be damaged if dropped, hit or scratched. Do not clean the front panel with keton-type materials (e.f., acetone), Ethyl alcohol, Toluene, Ethyl acid, Methyl or Chloride - these may damage the panel.
10. Locate your LCD monitor near an easily accessible AC outlet.
11. If your monitor does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized dealer or service center.
12. High temperature can cause problems. Don't use your LCD monitor in direct sunlight and keep it away from fireplaces, and other sources of heat.
13. Unplug the LCD monitor when it is going to be left unused for an extended period of time.
14. Unplug your LCD monitor from the AC outlet before any service.



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.

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#### General Safety Precautions

This user's manual has been engineered and manufactured for your safety.  
You can prevent serious electrical shock and hazards by keeping in mind the following :



Do not place anything such like heavy, wet or magnetic one on the monitor or the power cord.  
Never cover the ventilation openings with any material and never touch them with metallic or inflammable materials.



Avoid operating the monitor in extreme heat, humidity or areas affected by dust.  
\* Temperature : 5-35°C \* Humidity : 30-80RH



Be sure to turn the monitor off before plugging the power cord into the socket.  
Make sure that the power cord and other cords are securely and correctly connected.



Overloaded AC outlets and extension cords are dangerous, as are frayed power cords and broken plugs, which may cause electric shock or fire call your service technician for replacement.



Do not use sharp tools such as a pin or a pencil near the monitor, as they may scratch the LCD surface.



Do not use a solvent, such as benzene, to clean the monitor, as it will damage the LCD surface.


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#### I . Parts Description

##### Front Panel



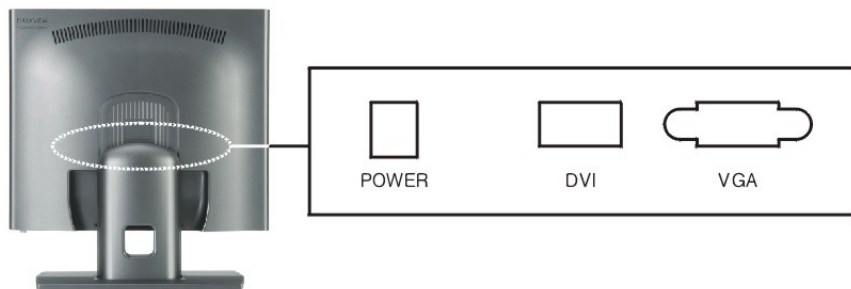
- 1) MENU
  - Activates OSD menu
  - MENU key selects the menu
- 2) SEL
  - DVI / RGB Selects
  - SEL selects the sub menu
- 3) AUTO
  - Auto adjusting
- 4) ▲, ▼
  - Decrease or Increase of value in OSD menu
- 5) 
  - Power ON / OFF
- 6) LED
  - Blue light when power on
  - Blue light blinks when no signal

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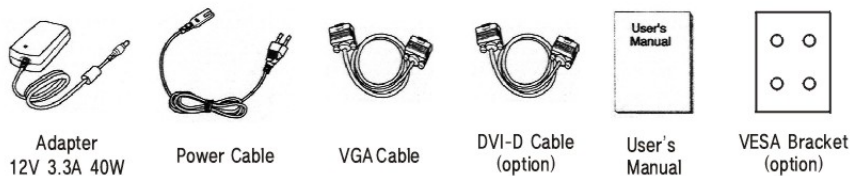
### I . Parts Description

#### Rear Panel



- 1) POWER  
Input power jack from power outlet.
- 3) DVI  
DVI jack from PC.
- 4) VGA  
VGA jack from pc.

#### Accessory

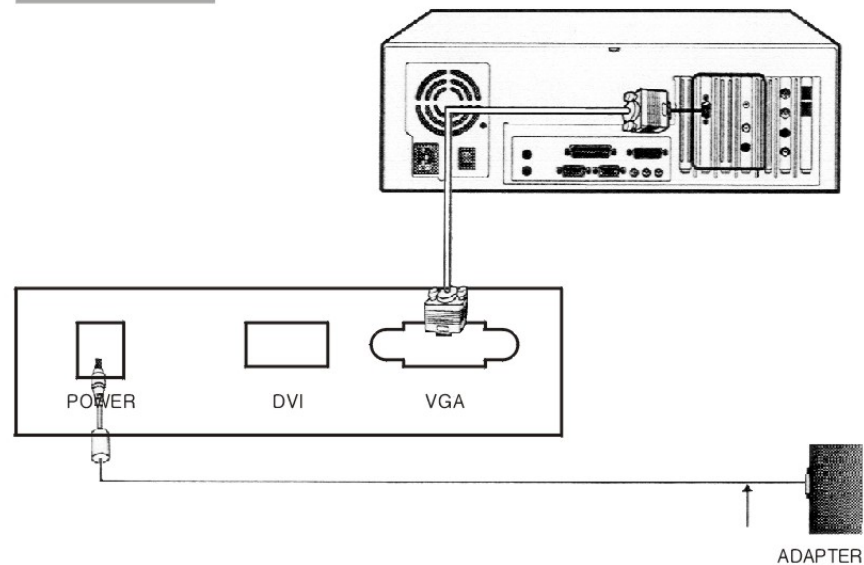


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### I . Parts Description

#### Connecting a PC



1. Turn off the power of PC and monitor
2. Connect the VGA / DVI cable to the PC and the monitor
3. Plug the adapter to the DC jack of monitor
4. Turn on the PC power before power on the monitor



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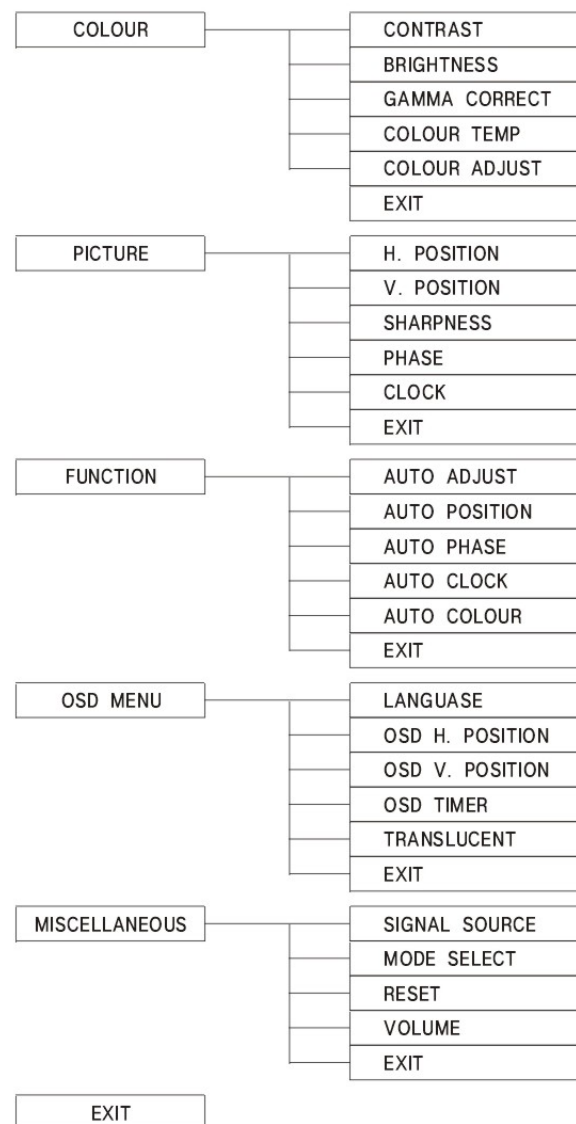
#### II . Before using the monitor

- This monitor conforms to VESA DPMS regulations
- This monitor has tested and passed all the regulations regarding electromagnetic interference
- The LCD panel consists of 3,840×3,072 (15 " : 3,072×2,304)dots so some dots can be seen as bright or dark but never affects the monitor function
- The brightness of upper and lower part of the screen could be seen different because of viewing angle
- The optimum resolution is 1280×1024 at 60Hz (15 " : 1024\*768 60Hz), so check with your PC graphic card
- When your display status is not good enough to look, press "AUTO" key
- There are VESA mount holes in the back of your monitor for wall-mount
- Please use only the adaptor supplied with the monitor otherwise you will not be able to receive free A/S when out of order
- There could be noises in particular graphic card of your PC, then adjust manually by changing the values of phase or clock

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#### III . OSD MENU TREE



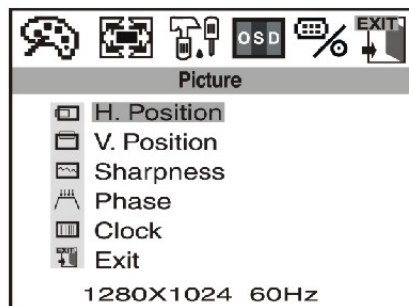
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### IV. OSD MENU



Picture 1 colour main display



Picture 2 picture main display

#### COLOUR

- CONTRAST : Adjust the contrast of display
- ☀ BRIGHTNESS : Adjust the brightness of display
- ↙ GAMMA CORRECT : Adjust the GAMMA value of display
- 🎨 COLOR TEMP : Adjust the color temp of display (9300, 6500, 5800, user)
- 🎨 COLOR ADJUST : Adjust the color of display (Red, Green, Blue)
- 🔍 EXIT : Exit the colour menu

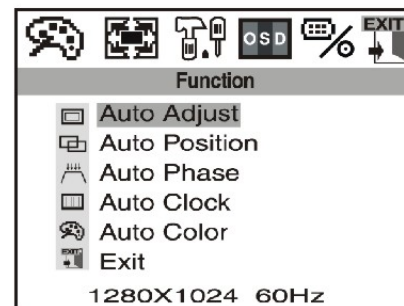
#### PICTURE

- 📺 H. POSITION : Adjust horizontal position of picture
- 📺 V. POSITION : Adjust vertical position of picture
- 📺 SHARPNESS : Adjust the sharpness of picture
- 📺 PHASE : Adjust the phase value
- 📺 CLOCK : Adjust the clock value
- 🔍 EXIT : Exit the picture menu

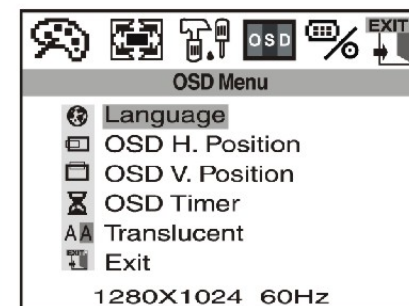
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### IV. OSD MENU



Picture 3 function main display



Picture 4 OSD MENU main display

#### FUNCTION

- 📺 AUTO ADJUST
- 📺 AUTO POSITION : Adjust the position of screen automatically
- 📺 AUTO PHASE : Adjust phase value automatically
- 📺 AUTO CLOCK : Adjust clock value automatically
- 📺 AUTO COLOR : Adjust color value automatically
- 🔍 EXIT : Exit the function menu

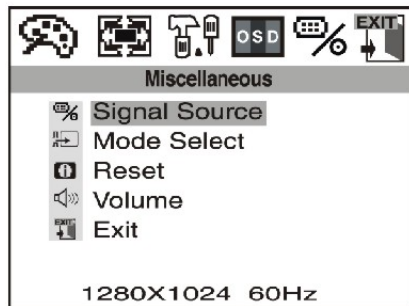
#### OSD MENU

- 🌐 LANGUAGE : Select the language of OSD menu
- 📺 OSD H. POSITION : Adjust the h. position of OSD menu
- 📺 OSD V. POSITION : Adjust the v. position of OSD menu
- 🕒 OSD TIMER : Adjust the timing of OSD menu
- AA TRANSLUCENT : Selects transparent level of OSD menu
- 🔍 EXIT : Exit the OSD menu

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### IV . OSD MENU



Picture 5 miscellaneous main display



Picture 6 Exit main display

#### OSD MISCELLANEOUS

- SIGNAL SOURCE : Selects input source
- MODE SELECT : Select the mode
- Reset : Reset all the values to initial value
- VOLUME : Adjust the speaker volume
- EXIT : Exit the miscellaneous menu

#### EXIT

EXIT : Exit the OSD menu

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### V . APPENDIX

#### Specification

SPECIFICATION		
Panel	Type	17 " Active Matrix LCD
	Pixel Pitch(H×V)	0.264×0.264 mm
	Display Color	16.7M
	Display Area(H×V)	337.92×270.33 mm
	Resolution	1280×1024
	Viewing Angle(L/R/U/P)	70 / 70 / 60 / 60 degrees
	Contrast Ratio	450 : 1
	Brightness	250 cd / square meter
Input signal	Horizontal Frequency	30 ~ 80 KHz
	Vertical Frequency	56 ~ 75 Hz
Video	Signal Input	Analog RGB / DVI-D
	Sync Type	Separate
Audio	Audio	Non Support
	Plug & Plug	DDC 1/2B
Power Input	AC Input	90-264V / 47-63Hz
	DC Input	12V / 3.3A
Monitor Power	Max. Consumption	30W
	Stand-by	<1W
	Management	VESA DPMS
Operating Environment	Temperature	0 ~ 50 C
	Humidity	Less 90%
Dimension	Without Stand	320(H)×380(W)×60(D) mm
	With Stand	400(H)×380(W)×150(D) mm
Other	Certifications	FCC, CE, VCCI, MIC
	Tilting Degree(U/D)	20 / -5 degree
	Weight	NET 5.2Kg / Gross 6.2Kg
	Monitor Color	Dark Silver

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#### Mode

MODE	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
NEC	640×400(Dos Mode) VESA compatible	24.8	56.00
VGA	640×350	31.47	70.00
	720×400	31.47	70.00
	640×480	31.47	60.00
	640×480	37.86	72.80
	640×480	37.50	75.00
SVGA	800×600	35.16	56.30
	800×600	37.88	60.30
	800×600	48.08	72.20
	800×600	46.87	75.00
XGA	1024×768	48.36	60.00
	1024×768	56.40	70.10
	1024×768	60.02	75.00
SXGA	1280×1024	64.00	60.00
	1280×1024	79.98	75.00

### FCC NOTICE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITION:  
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND  
(2) THIS DEVICE MUST ACCEPT ANY INTERERANCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED OPERATION.

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 communication. 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 difference from that to which the receiver is connected.
- Consult the dealer of an experienced radio/TV technician for help.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.