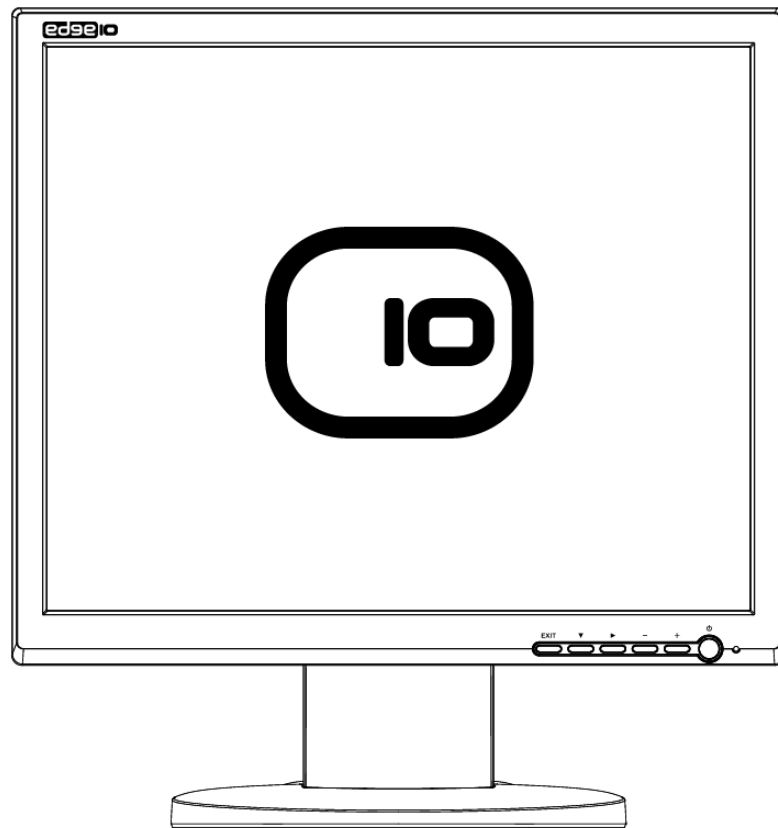




COLOUR TFT LCD MONITOR
USER'S MANUAL
Model: C172



The display comes with a three year on site warranty.

To activate your warranty please register your display at

<http://www.edge10.com> by clicking on the help & support link.

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Introduction

Product Description

Congratulations on your purchasing this new generation of monitor. Your LCD monitor incorporates high quality display into a small light weighted module. It has power-saving capabilities and emits no X-ray radiation. You will certainly benefit from this monitor in lots of way to name some of them, comfort safety and environmental protection.

This LCD monitor incorporates 17" colour active matrix thin-film-transistor (TFT) liquid crystal display to provide superior display performance. A maximum resolution of SXGA 1280X1024 is ideal for designs that enhance this LCD monitor's performance are Plug & play compatibility, audio system and OSD(On Screen Display) controls.

Package Contents

Included with your LCD monitor are following

- 17" TFT LCD monitor
- 15pin D-sub signal cable
- AC power cable
- User s manual
- Warranty Card

Product Features

- High contrast colour TFT LCD display support resolution up to SXGA 1280X1024
- Compatible with IBM VGA, VESA, and Macintosh standards.
- Embedded audio system provides sound performance.
- Video in and S-video use.

Cleaning

- Gently wipe the screen with a clean camel hair lens brush, or a soft, clean, lint-free cloth.
- This removes dust and other particles that can scratch the screen,
- Do not apply pressure to the screen surface when wiping it clean.
- Do not pour or spray any liquid directly onto the screen or case of the LCD monitor.
- Chemical cleaners have been reported to damage the screen or the LCD monitor.

Precautions

- Read all these instructions and save them for later use.
- Follow all warning and instructions on the product.

Product

- Do not block the vent holes in the case.
- Do not insert sharp objects or spill liquid into the LCD monitor through cabinet slots.
It may cause accidental fire, electric shock or failure.

- Disconnect the power plug from the AC outlet if you are not using it for an indefinite period of time.
- Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks.
- Do not touch the screen directly with your fingers. You may damage the screen, and the grease from your skin is difficult to remove.
- Do not apply pressure to screen. The LCD is very delicate.

Power

- Use the type of power indicated on the rating label.

Plug

- Do not remove any of the prongs of the monitor's three-pronged power plug.
- Disconnect the power plug from the AC outlet under following conditions:
 - If you are not using it for an indefinite period time.
 - When the power cord or plug is damaged or frayed.
 - If the product does not operate normally when the operating instructions are followed.
 - If the product has been dropped or the cabinet has been damaged.
 - If the product exhibits a distinct change in performance, indicating need for service.

Power and extension cord

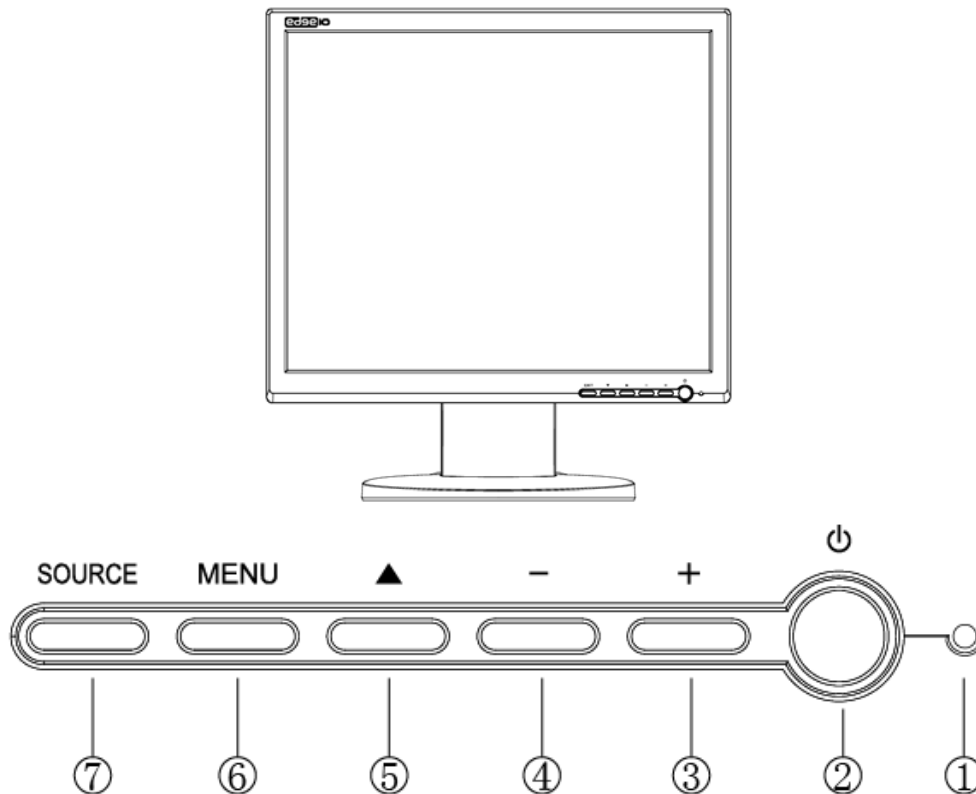
- Do not allow anything to rest on the power cord.
- Do not locate this product where persons will walk on the cord.
- Use the proper power cord with correct attachment plug type. If the power source is 120V AC, use a power cord that has UL and C-UL approvals. If the power source is a 240V AC supply, use the tandem (T blade) type attachment plug with ground conductor power cord that meets the respective European country's safety regulations, such as VDE for Germany.
- Do not overload wall outlets or power cords. Ensure that the total of all units plugged into the wall outlet does not exceed 10 amperes.
- Ensure that the total ampere ratings on all units plugged into the extension cord is not above the cord's rating.
- If the power supply cord, which came with your monitor, is to be connected to the PC instead of the wall outlet, this equipment is to be used with UL/TUV approved computers with receptacle rated 100~240VAC,50/60Hz, 1.0A(minimum).

Environment

- Place the monitor on a flat and level surface.
- Place the monitor in a well-ventilated place.
- Keep the monitor away from:
 - Overly hot, cold or humid places, places directly under sunlight, dusty surroundings, equipment that generates strong magnetic field.

Control Function

Control Button Front View

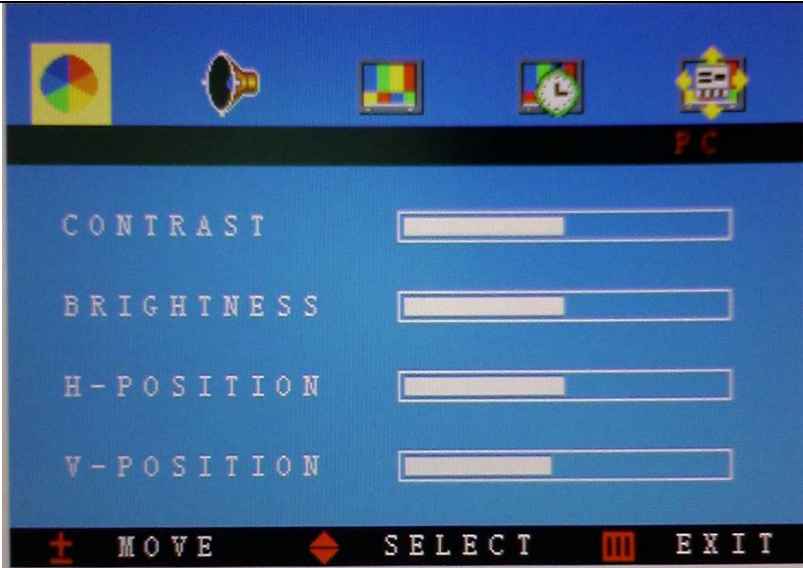
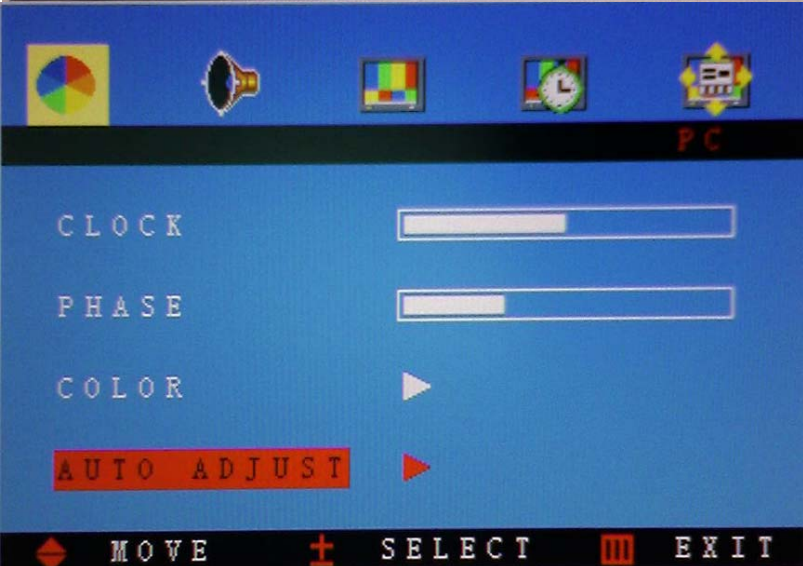


- ① **Power LED:** Indicates different status (Green---Normal operation; Red---Power Management; Dark---Power turn off;)
- ② **Power switch:** Turns power on/off
- ③ **“+” Button:** Adjust setting bars i.e. Contrast, Brightness, etc. to increase setting values of the OSD;
- ④ **“-” Button:** Adjust setting bars i.e. Contrast, Brightness, etc. to Decrease setting values of the OSD;
- ⑤ **“▲” Button:** Press to bring up the selection on OSD and select sub menu items.
- ⑥ **“MENU” Button:** Enter the OSD (on Screen Display); and still can select sub menu items.
- ⑦ **“SOURCE” Button:** Selects input mode: PC->VIDEO->SVIDEO->PC; Exit the OSD (On screen Display), or exit the selected item.

OSD Control

Operating Procedure

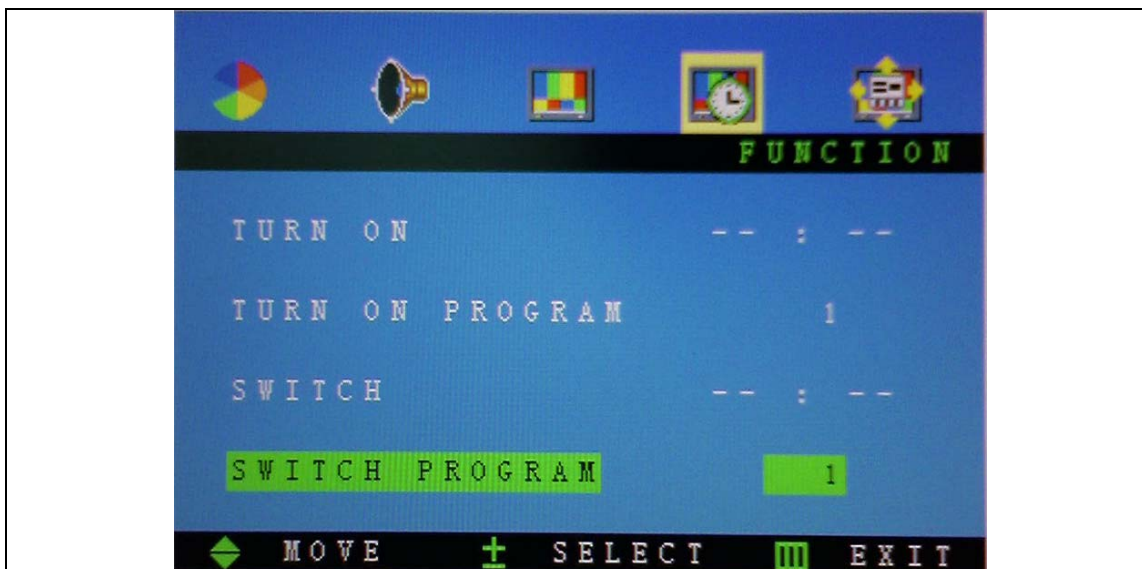
- 1) Press "MENU" to enter OSD menu.
- 2) Press "SOURCE" to Exit OSD menu on screen Display, or Exit adjustment item.
- 3) Press "+" and "-" to select main menu item.(left/right)
- 4) Press "MENU" to confirm, and enter to the sub menu.
- 5) Press "MENU" and "▲" to select the sub menu items. (Up/down)
- 6) Press "+" and "-" to adjust the setting values, then press up or down to select next item.

PC MODE	
 <p>The screenshot shows the PC MODE OSD menu. At the top, there are five icons: a color wheel, a speaker, a test pattern, a clock, and a menu icon. Below the icons, the text "PC" is displayed. The main menu items are CONTRAST, BRIGHTNESS, H-POSITION, and V-POSITION, each with a corresponding horizontal slider bar. At the bottom, there is a control bar with icons for MOVE (left and right arrows), SELECT (a diamond), and EXIT (a square with a vertical line).</p>	
 <p>The screenshot shows the PC MODE OSD menu. At the top, there are five icons: a color wheel, a speaker, a test pattern, a clock, and a menu icon. Below the icons, the text "PC" is displayed. The main menu items are CLOCK, PHASE, COLOR, and AUTO ADJUST. CLOCK and PHASE have horizontal slider bars, while COLOR has a right-pointing arrow and AUTO ADJUST has a red right-pointing arrow. At the bottom, there is a control bar with icons for MOVE (left and right arrows), SELECT (a diamond), and EXIT (a square with a vertical line).</p>	
Function	Description
Contrast	press "+" and "-" to adjust the setting value(0~100) to adjust contrast
Brightness	press "+" and "-" to adjust the setting value(0~100) to adjust brightness
H-Position	Press "+" and "-" to move OSD MENU position to right or left
V-Position	Press "+" and "-" to move OSD MENU position to up or down
Clock	Press "+" and "-" to adjust the distortion character

Phase	Press “+” and “-” to adjust the real image value of ADC
Colour	Press “+” and “-” to adjust the colour mode. (NORMAL, WARM, COOL, USER)
Auto Adjust	press “+” and “-” to Auto tuning

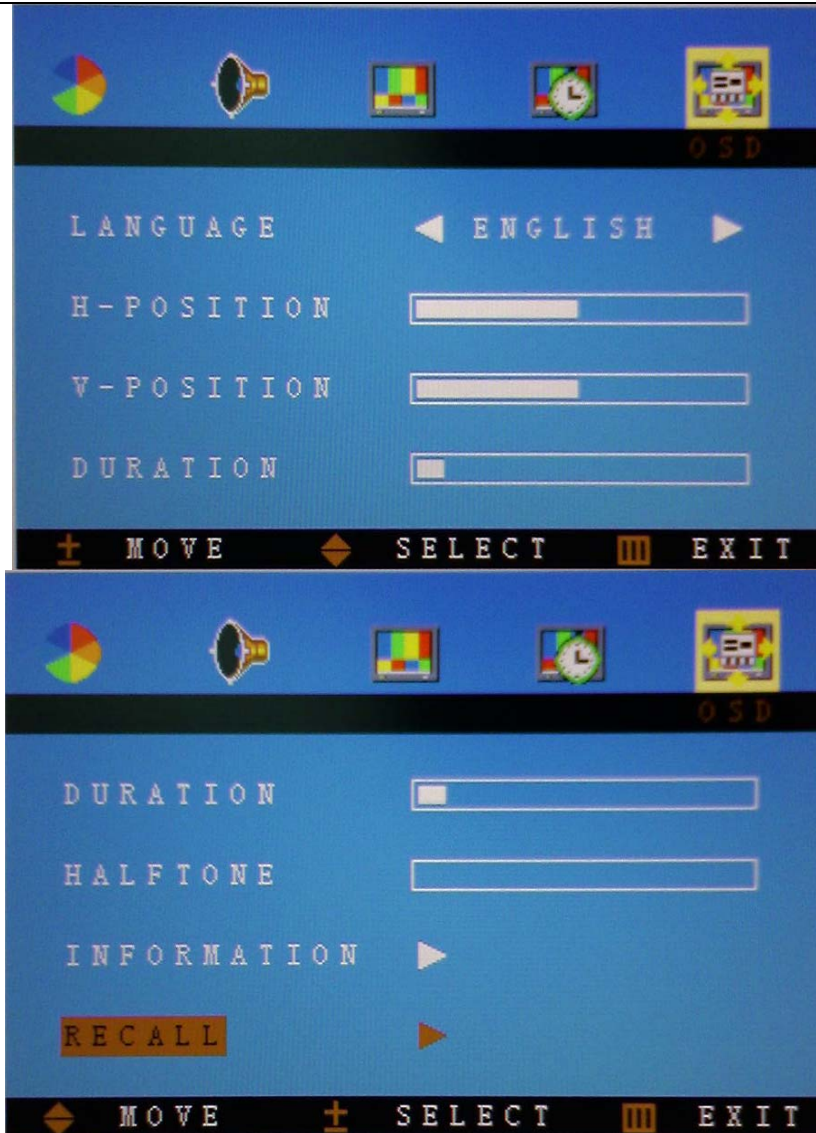
TIMER FUNCTION	
Function	Description
Timer	Press “+” and “-” to adjust sub items: (Current, Turn off, Turn on, Turn on program, Switch and Switch program)
PIC Misc	Not available for this model
Blue screen	Not available for this model

CLOCK FUNCTION	



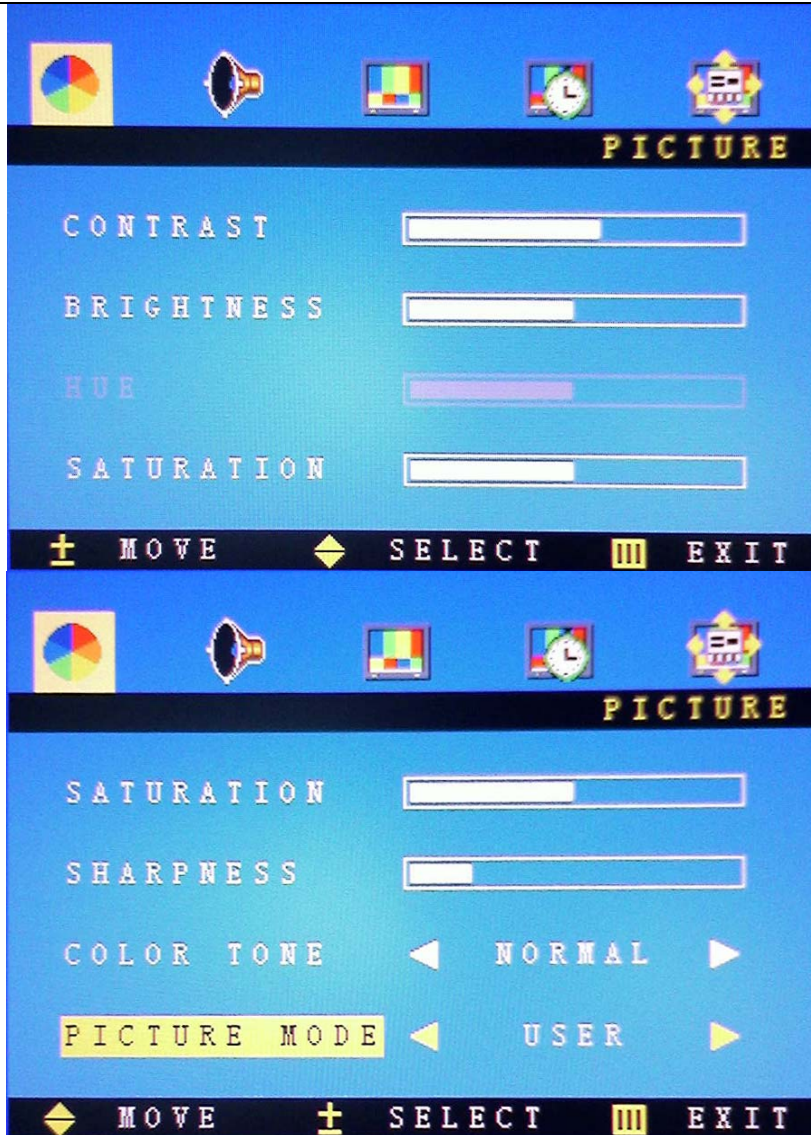
Function	Description
Current	Press “+”and“-” to choice the Current mode (hour and minute),and press “MENU” or“▲” button to adjust the setting values
Turn off	Press “+”and“-” to choice the Turn off mode(hour and minute),and press “MENU” or“▲” button to adjust the setting values
Turn on	Press “+”and“-” to choice the Turn on mode(hour and minute),and press “MENU” or“▲” button to adjust the setting values
Turn on program	Press “+”and“-” to adjust the default program
Switch	Press “+”and“-” to choice the Switch (hour and minute). And press “MENU” or“▲” button to adjust the setting values
Switch program	Press “+”and“-” to choice the different programs

OSD POSITION



Function	Description
Language	Press“+” and“-”to choice the language,(Chinese, English, Italian, Spanish, Portuguese, German, France)
H-Position	Press “+” and“-”to move the OSD MENU position to right or left
V-Position	Press “+” and“-”to move the OSD MENU position to up or down
Duration	Press “+” and“-” to set the OSD off time
Halftone	Press “+” and“-” to adjust the transparency of the OSD menu
Information	Display the best resolution status and version number
Recall	Returns all controls back to factory setting

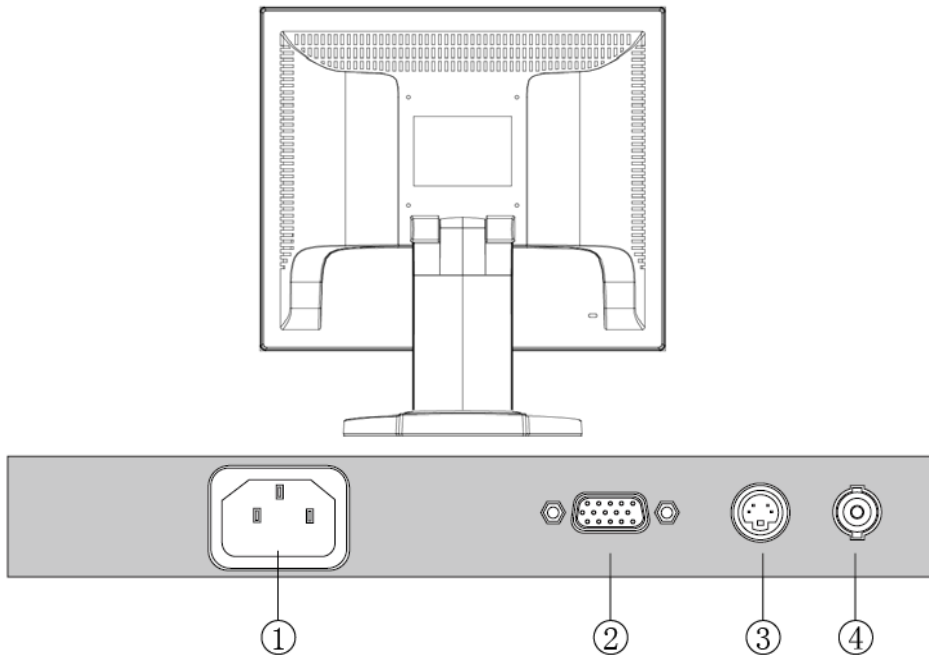
VIDEO FUNCTION



Function	Description
Contrast	Press “+”and“-”to adjust the setting value(0~100) to adjust the contrast
Brightness	Press “+”and“-”to adjust the setting value(0~100) to adjust the brightness
HUE	Not available for this mode
Saturation	press “+”and“-”to adjust
Sharpness	press “+”and“-”to adjust
Colour Tome	Press “+”and“-”to adjust the colour (NORMAL, WARM,COOL)
Picture Mode	Press “+”and“-”to choose the Mode: (DEFAULT, BRIGHT, SOFT, NATURE.

Inputs Diagram

Inputs

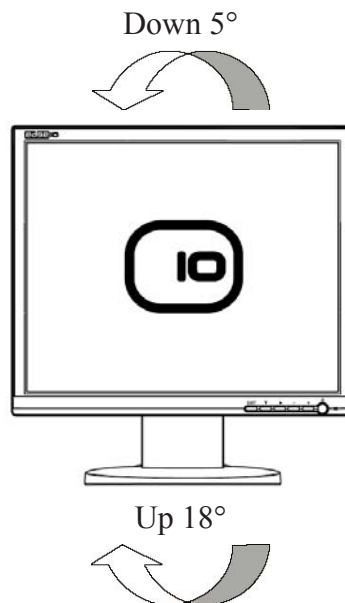


1. AC POWER INPUT: AC inlet for 100-240V power system.
2. PC INPUT: This D-sub 15 sockets can be connected to a PC.
3. S-VIDEO INPUT: Inputs S-video signal by DIN socket.
4. VIDEO-IN: This BNC socket can be connected to composite video output.

Display Angle

Tilting

For viewing clarity, you can tilt the LCD forward (Down to 5 degrees) or backward (Up to 18 degrees).



Product Specification

Model Spec	PC
LCD Display	17" active matrix TFT LCD panel
Pixel pitch	0.264(H)x0.264(V) mm
Max Resolution	1280(H)x1024(V)SXGA
Dimensions	198(D)x397H)x374(W) mm
Packing Dimensions	145(D)x460(H)x418(W) mm
Contrast Ratio	450:1
Brightness	300cd/m2
Response Time	8ms
Display Colour	16.7M
Viewing Angle L/R	+75 °~-75 °
U/D	+70° ~-60 °
PC Interface Video Sync	RGB analog 0.7Vp p
Display Mode	VGA/SVGA/XGA/SXGA
PC connector	15 pin D-sub
Front Control	Power on/off with LED, Menu select, Up/Down Adjustment, Source
OSD Adjustment	Contrast, Brightness, Auto tuning, Phase, Clock, Position, Input selection
Audio speaker	2W
Power input	AC Input:100~240V/1.2A,50-60Hz
Operating Consumption	42W
Operating Conditions	Temperature:0°C-40°C Humidity: 20%-80%
Storage Conditions	Temperature:-10°C-60°C Humidity: 20%-80%
Certification	FCC(DOC), CE, TUV
Weight	N/W:3.6Kgs G/W:4.7Kgs

Display Model

Display Mode		Dot Clock (MHz)	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Operating Mode (Analog)
VGA	640 x 480	25.18	31.50	60.00	Analog
VGA	640 x 480	31.50	37.90	72.00	Analog
VGA	640 x 480	31.50	37.50	75.00	Analog
SVGA	800 x 600	40.00	37.90	60.00	Analog
SVGA	800 x 600	50.00	48.10	72.00	Analog
SVGA	800 x 600	49.50	46.90	75.00	Analog
XGA	1024 x 768	65.00	48.40	60.00	Analog
XGA	1024 x 768	75.00	56.50	70.00	Analog
XGA	1024 x 768	28.75	60.00	75.00	Analog
SXGA	1280 x 1024	108.00	63.981	60.00	Analog
SXGA	1280 x 1024	135.00	79.976	75.00	Analog
VGA	640 x 480	25.18	31.50	60.00	Analog
VGA	720x400	28.32	31.50	70.00	Analog

Service Information

Service

When you buy this excellent LCD Monitor, you are entitled to the warranty provided by us, please contact us if you need any information on our product. Thank you again for buying our product.



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