

LCD Monitor Series

15.0 TFT Active Matrix LCD Panel
User's Manual

Table of Content

Table of Content	2
Safety Instructions	3
View of Monitor	4
Unpacking	6
Warning	6
Cleaning Notes	7
Precaution	7
Features	7
Hardware Installation	8
Hardware Installation Step by Step	9
Angle of Inclination	11
Monitor Setup Button	12
Troubleshooting	13
OSD (On-Screen Display) Menu Mode (VGA)	13
Display Mode	15
Specification	16

Safety Instructions

1. Please read these safety instructions carefully.
2. Please keep this User's Manual for later reference.
3. Please disconnect this equipment from connector before cleaning. Don't use liquid or sprayed detergent for cleaning. Use moisture sheet or cloth for cleaning.
4. Make sure the voltage of the power source when you try to connect the equipment to the power outlet.
5. All cautions and warnings on the equipment should be noted.
6. Never pour any liquid into opening, this could cause fire or electrical shock.
7. Never open the equipment. For safety reason, the equipment should only be opened by qualified service personnel.
8. If one of the following situations arises, get the equipment checked by a service personnel :
 - a. Liquid has penetrated into the equipment.
 - b. The equipment has been exposed to moisture.
 - c. The equipment has not work well or you can not get it work according to user's manual.
 - d. The equipment has dropped and damaged.
 - d. If the equipment has obvious sign of breakage.
9. **DO NOT LEAVE THIS EQUIPMENT IN AN ENVIRONMENT UNCONDITIONED, STORAGE TEMPERATURE ABOVE 40°C, IT MAY DAMAGE THE EQUIPMENT.**

View of Monitor

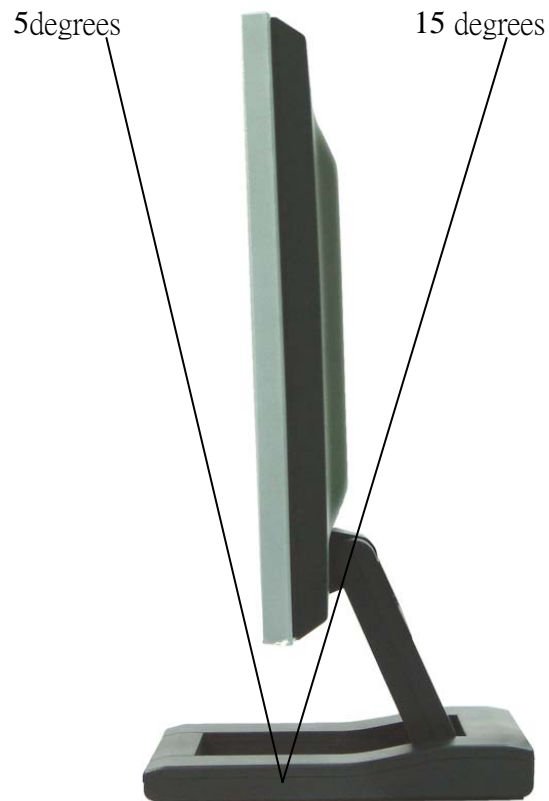


Front View (1)



Back View (2)

View of Monitor




Side View (3)






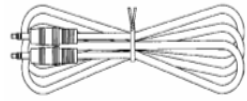
Top View (4)



Unpacking

Thank you for your purchase. Please first check the following package content of the 15" LCD monitor. Contact your dealer or store where you purchased the LCD monitor if anything is missing.

<p>15" TFT LCD Monitor</p>	
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<p>External Univ15 pin D-sub (RGB Analog) input signal cable</p>		<p>Power Cord</p>	
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<p>AD / DC Adpter External Universal (DC 12V, 50 / 60Hz) (AC 100-240V)</p>		<p>Audio Cable with Stereo Phone Jack</p>	
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<p>CD User's Manual</p>		<p>Quick Start Guide</p>	
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Warning

1. Make sure that the system power is turned off.
2. Plug the signal cable to the signal connector at the rear of PC.
3. Plug adapter output cable to the jack at the rear of LCD monitor and the power cord to the adapter.
4. Connect the power cord to power source.
5. Turn on the computer and the monitor.
6. For the best display quality, we suggest that you set the resolution as shown page 15 (Display Mode).

Cleaning Notes

1. Be gentle to clean the screen.
2. Never use any kind of corrosiveness chemical dissolvent to clean the screen, it may hurt your screen surface.
3. We suggest that a camel hair brush or a soft, lint-free cloth be used to clean the screen.
4. Don't exert any pressure directly to the LCD screen.

Precaution

1. Do not expose the monitor to direct sunlight or heat.
2. Do not spill liquid on the monitor.
3. Do not attempt to open the monitor. You may be hurt by electric shock. For service, call your place of purchase.
4. Do not use your monitor when magnets or electronic products are operating nearby.
5. Do not use harsh chemicals or strong cleaning solvents to clean the monitor screen. Wipe it with clean, soft clothes applied with mild solution.
6. Do not place anything on your monitor. Bad ventilation may elevate temperature in the monitor.
7. Don't use your fingers to touch the LCD screen, directly. Fingerprint contains oil and may be difficult to clean.

Features

Power Saving:

The power management complies with VESA DPMS standard. When the system is idle (Off Mode), the monitor automatically cut its power consumption to a level less than 5w.

Auto Adjustment Key Function:

With "AUTO" key, you can automatically adjust the display for your best view.

Wide Viewing Angle:

The horizontal 120° and vertical 100° offer you great screen view.

Plug and play compatibility:

With DDC1/DDC2B compliance, the monitor is plug and plays compatible to Windows 95/98/me/2000/XP.

Space Saving:

The monitor is designed with 183 mm in-depth to provide you with more hand room for desk working space.

Side-by-Side :

The monitor comes with 26.55 mm trimmed down frame to offer side-by-side operation

Hardware Installation

Be careful to your LCD monitor. It's very delicate and easy to break. Turn off LCD's and PC's power before installation. Follow the installation step by step described below.

Input



【1】 DC-IN : This is for connecting the power cable

【2】 AUDIO-IN : This can be connected to the audio-out connector of any sound resource.

【3】 VGA-IN : This can be connected with the D-Sub 15 pin signal cable.

Hardware Installation Step by Step

1. Turn your monitor upside down carefully with panel facing you to locate all connector port.



2. Plug in signal cable to **VGA-IN** of the monitor and the other side of the cable to the computer.



3. Connect the audio cable to **AUDIO-IN** on the monitor, and the other side to computer line out.



Hardware Installation Step by Step

4. Plug power cord onto DC adapter.



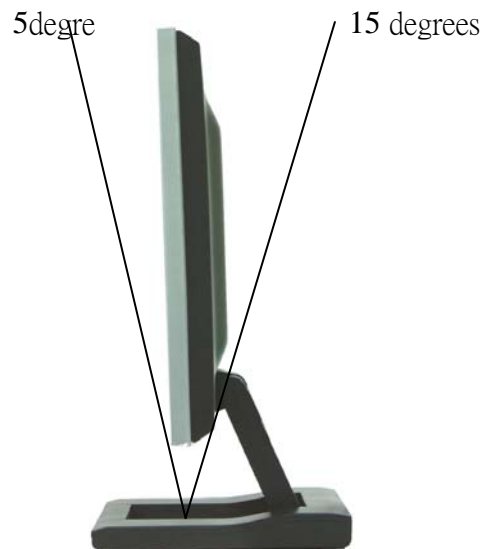
5. Plug the DC cable from power adapter onto the DC-IN on monitor.



6. Congratulations! You have just completed the hardware installation.

Angle of Inclination

The monitor allows you to get the forward inclination of 5 degrees or backward inclination of 15 degrees.



The flexible design of this monitor allows user to store from the perpendicular angle to horizontal angle by keeping the locking-hitch unlocked showing above. Please refer to the figures below.

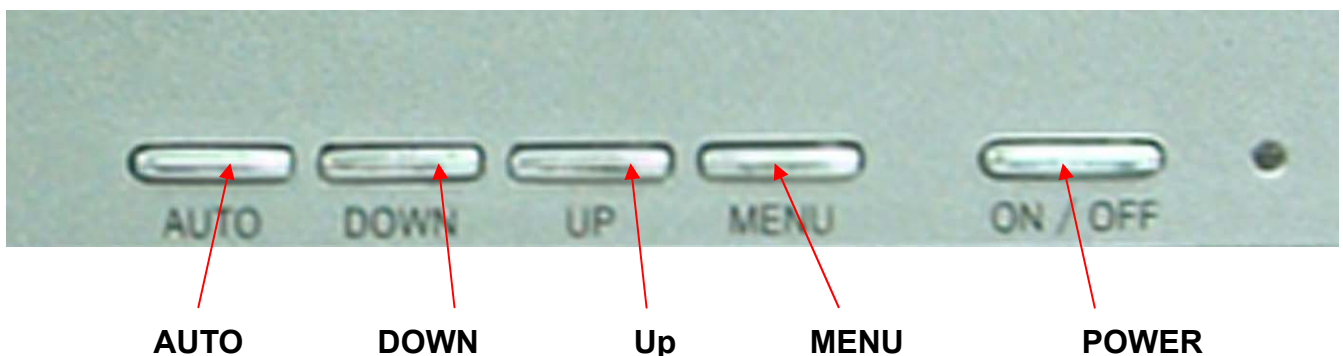


With the space-saving ideas, this monitor offers you with the most reasonable way to store or move from one place to another.



Monitor Setup Button

Menu control button



There 5 keys for user to set up the monitor, including “Power”, “MENU “, “AUTO”, ” <-> Down”, ” <+> Up”. Please refer to the introduction below.

1. **“Power”**: Turn the LCD power on and off. When the power is on, the light turns green, and standby in the color of orange.
2. **“AUTO”**: Exit and save the setting. Hot key for auto adjustment.
3. **“MENU”**: Press the button to display OSD main menu and select OSD Option.
4. **“ Up”**: Increase the value in the OSD option. Hot key for PC / Video / S-Video / TV mode. You can use the button to switch between PC, Video, S-Video, and TV mode screen.
5. **“ Down”**: Decrease the value in the OSD option . Hot key for volume adjustment.

Troubleshooting

If you encounter any trouble in using the monitor, make sure your monitor is properly installed according to the following steps before you call for service.

- There is no picture on the screen.

Check:

1. Power saving mode. Press any key and move the mouse to deactivate the mode.
2. Signal Cable Connector Pins. If there are bent or missing pins, consult your dealer or store where you purchased the monitor.

- Characters look too dark or too bright

Check:

1. Using OSD Menu to adjust the Contrast.

- When shall your monitor be adjusted?

Check:

1. After "reset"
2. If the resolution of frequency is being changed.

- The text on the screen is unclear.

Check

1. Make sure the resolution matches with the display mode.

OSD (On-Screen Display) Menu Mode (VGA)

Option select

1. Press the MENU button to access menu.
2. Using MENU again for advanced adjustment selection.
3. Press Down and Up for choosing different OSD function.
4. Press MENU as enter to select the function you want.



Contrast :

Adjust the difference between light and dark area.



Main menu contrast adjust











Volume : Adjust of speaker.

Mute : Speaker soundless



Main menu volume adjust

OSD (On-Screen Display) Menu Mode (VGA)

 <p>Adjust the color temperature.</p>	 <p>Main menu color temp. adjust</p>
 <p>Language : Language support</p>	 <p>Main menu language adjust</p>
 <p>OSD Settings : OSD related selection & LCD auto-adjust.</p>	 <p>Main menu auto tune adjust</p>
 <p>EXIT OSD: Save and leave OSD</p>	 <p>Main menu EXIT adjust</p>

Display Mode

Incoming Display Mode		
Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
720x400	31.47	70.0
640x480	31.47	60.0
640x480	35.00	66.7
640x480	37.86	72.8
640x480	37.50	75.0
640x480	43.27	85.0
800x600	35.16	86.3
800x600	37.88	60.3
800x600	48.08	72.2
800x600	46.87	75.0
800x600	53.67	85.1
832x624	49.73	74.6
1024x768	48.36	60.0
1024x768	56.48	70.1
1027x768	60.02	75.0
1024x768	68.67	85.0
1280x1024	64.00	60.0
720x400	31.47	70.0
640x480	31.47	60.0
640x480	35.00	66.7

1. We offer you 17 Windows compatible modes.
2. If any interference occurs on your screen while you modulating your PC or OSD. It is normal.
3. To obtain best display quality, remember to upgrade your video card driver. We strongly recommended you choose a mode listed in the above-mentioned table.
4. The modes not listed on the table above may be supported.
5. You may use the power management on your computer. It's good for extending the service life of the product.

Specification

LCD Panel	Type Viewing Angle Contrast Ratio Brightness Response Time Display Colors Max Resolution Pixel Pitch	15.0" TFT Active Matrix LCD Display H:120° , V:100° 400 : 1(Typical) 250 cd/m²(Typical) 16 ms(Typical) 16.2M colors 1024X768(XGA) 0.297mm(H)x0.297mm(V)
Input Signals	RGB Analog	VGA Level:0.7Vp-p(75Ω) Sync TTL with 75Ω internal pull-up resistors Frequency FH:47~63KHz / FV:55~75Hz
Compatibility	PC	Up to 1024X768@60Hz(Non-interlaced)
Connector	RGB Analog Audio IN	D-sub 15-pins Stereo Phone Jack
Power	AC input Voltage Consumption Power saving mode	100-240V, 50/60Hz(universal) Active < 48Watt Max Standby < 5Watt
Internal Speaker		1Wx2(Stereo)
User Interface	LED Indicator	Active - Green Off - Turn off Standby - Orange
Operating Condition	Temperature Air Humidity	0°C~45°C 10% ~ 80% R.H.
Dimensions	Physical	372mm(H) x 357mm(W) x 183mm(D)
Net Weight		2.86kg
Gw Weight		3.00kg
DDC		DDC1/DDC2B Compliant
Power Management		VESA DPMS, EPA Energy Star
Regulation (Certifications)		CE, FCC, VCCI, TUV, UL

