

EXHIBIT 5

User's Manual

User's Manual

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FCC Information!

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 instruction, 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 unacceptable 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 your dealer or experienced radio/TV technician for help.

FCC Warning:

To assure continued FCC compliance, the user must use the provided grounded power-supply cord and the shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications to this LCD monitor would void the user's authority to operate this device.

Department of Industry Canada (IC) Compliance Notice

"This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulation of the Canadian Department of Communications"

CE Certification

This device complies with the requirement of the EEC directive 89/336/EEC with regard to "Electromagnetic compatibility."

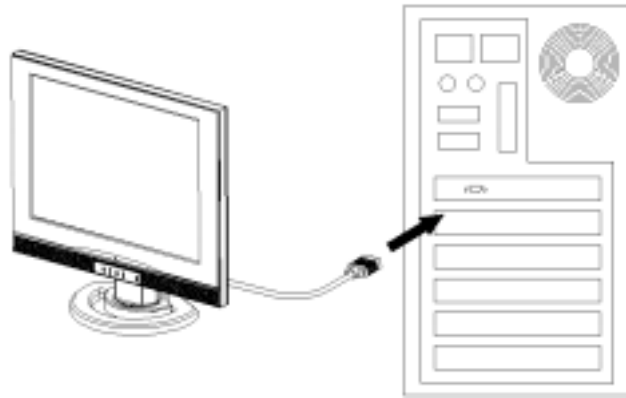
Important Safety Instructions

1. Read these instructions thoroughly.
2. Follow all warning and instructions marked on this product.
3. Unplug the product from the wall outlet before cleaning.
4. Do not use the product near water. Never spill liquid of any kind on the product.
5. Do not place the product on an unstable cart, stand, or table. Doing so may cause the product to fall, which can seriously damage it.
6. Slots and openings in the cabinet are provided for ventilation. To ensure reliable operation, never block these ventilation slots by placing the product on a bed, sofa, rug, or similar surface. This product should never be placed near or over a radiator or heat register; or installed in any enclosure that prevents proper ventilation.
7. Make sure the power source complies with the power recommendation printed on the back of the product. If you are not sure of the type of power provided by the wall socket, consult your dealer or local power company.
8. Do not place any object on the power cord. Do not place this product where persons could walk on the power cord.
9. If you use an extension cord with this product, make sure the total ampere rating of the product(s) plugged into the extension cord does not exceed the ampere rating of the extension cord.
10. Never push objects of any kind through the ventilation slots at the back of the product. To do so could risk fire or electric shock.
11. Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltage that could cause fire or electric shock. Refer all servicing needs to authorized service personnel.
12. Unplug this product from the wall outlet and contact authorized service personnel under the following conditions:
 - When the power cord or plug is damaged or frayed.
 - If a liquid has been spilled into or on the product, including rain.
 - If the product does not operate normally when operating instructions are followed. Only adjust those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - If the product has been dropped or the cabinet has been damaged.
 - If the product exhibits a distinct change in performance, indicating a need for service.

Precautions

1.0 Precautions

- Handle with care when transporting.
- Any malfunction or damages caused by other power line connections than a direct connection to the specified one shall be of user's responsibility.
- Set-up in a clear and dry place.
- Keep the monitor away from high capacity power transformers, electric motors, and other electric devices, which may create strong magnetic fields.
- For ergonomic reasons, the preset size and position is recommended with the standard signals.
- Do not place any heavy object on the power cord; damage of the cable may cause shock or fire.



2.0 Installation

- Be careful never to drop the unit when handling, boxed or unboxed.
- Be sure the unit is firmly positioned on a rigid supporting surface.

2.1 Connection

- For complete electrical separation, unplug AC Cord from the Inlet on the LCD monitor or from the wall socket.
- Unplug the AC Cord from the outlet while not to be used for a few days.
- Be sure to operate the unit only on the specified power supply or may cause damage.
- Keep the AC Cord away from a pedestrian area.
- To disconnect the AC Cord or signal cable, always pull the plug. Never pull the cord.
- If, when the power on, the power indicator does not illuminate, turn off the switch, wait a while, and then turn it on again.
- If the indicator still not illuminate, disconnect the AC Cord and contact your dealer.
- Do not overload power outlets or extension cords, it may cause fire or electric shock.

2.2 Operation

- To allow adequate air circulation, do not leave any objects either on the top or against the back of the cabinet that may block the ventilation holes.
- To eliminate eye fatigue, do not operate the unit against a bright background or where the sun or other light can shine on the Panel directly.
- For optimum viewing and operation comfort, the monitor should be just below eye level.
- Do not remove the Tilt Swivel Stand for operation. All ventilation holes on the cabinet bottom should be kept cleared and they will be blocked up if it is removed.

2.3 Cleaning

- To keep the unit looking brand new, periodical cleaning with a soft cloth is recommended. Even stubborn stains may be removed with a cloth lightly dampened with a mild detergent solvent. Do not use spray cleaner, wax or compressed air directly on the cabinet.
- A clean soft cloth such as gauze or cotton or lens cleaner paper is recommended for stains on Panel.
- Stubborn stains can be removed with those lightly dampened with an alcohol (Methyl, Ethyl or Isopropyl). Other material or liquid may damage the surface of Panel. Be sure not to put alcohol on the cabinet. "Never use strong solvents such as thinner, benzine or other abrasive cleaners since these will damage the cabinet and Panel.
- Do not place any liquids or solvents on the top of the model. To ensure safety, unplug the unit before cleaning it.

Introduction

- Congratulations on your purchase of the TFT LCD monitor, a marvelous contribution of cutting edge technology.
- The TFT LCD monitor has designed with serious thoughts to present the best performance for most applications. Symbol of elegance, its compact and slim profile is well suited in working locations where space is at a premium.
- With 1024×768 XGA resolution, the 15" TFT LCD monitor displays sharper, more brilliant, crisper and flicker-free images with an equivalent screen size of 17" traditional CRT monitors. Complying with the power management regulations of VESA DPMS, the TFT LCD monitor is extremely energy efficient and a power saving. Plus, the TFT LCD monitor has extremely low radiation emissions and near zero electromagnetic fields which are supreme benefits.
- Fully compatible with PC and Mac, the TFT LCD monitor provides full interface for all sorts of related standards. Supported by " Plug & Play " complying with DDC1/DDC2B, installing the TFT LCD monitor is absolutely trouble free.
- To assist the user in making right adjustment for optimum display performance, the easy-to-operate On Screen Display menu in five languages is furnished as a convenient interface.
- Enjoy your use of the TFT LCD monitor!

3.1 Main Features

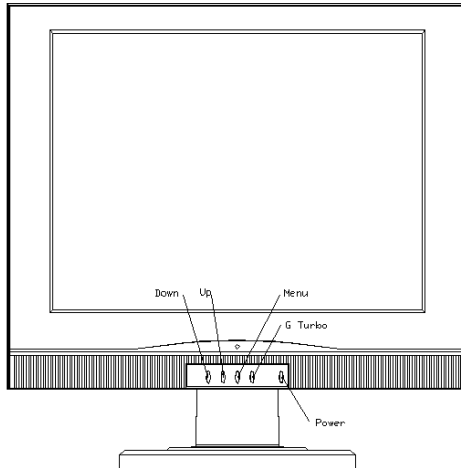
A) Compatibility

- Horizontal operation frequency from 31.5KHz to 60KHz (Automatic)
- Vertical scan frequency from 56Hz to 75Hz (Automatic)
- Analog video signal input
- The monitor can memorize horizontal and vertical picture adjustment information through a microprocessor. When the system is powered on again, you get the screen for whatever you have set, for example, IBM PS/2, 8514/A, 1024x 768 non-interlace board.

B) 15-inch TFT LCD Panel

Including 15" active matrix color TFT LCD(Thin-Film Transistor Liquid Crystal Display).

B) E-5/5S/5V Front Panel Controls:



D) Controls button explain as following:

- **Power Key: Press** to turn ON/OFF.
 - **Power indicator:** The LED indicates power management status.
 - **Menu Key: Press** it to open OSD menu, and to do the function's adjustment, or enter the OSD item you selected. This Key was also used to exit the OSD windows to the previous OSD windows.
 - **G-Turbo Key:** Hot Key toggles *Enhanced mode* on/off.
Your monitor can be set to Video Enhancer mode for all media, when used with graphic-rich media and applications; the benefits are most evident. In the following table, a check indicates the media recommended for use with the Video Enhancer.
 - **UP Key: Press** it to scroll item up, increase the value of slide bar, or switch the selected item to other.
 - **Down Key: Press** it to scroll item down, decrease the value of slide bar, or switch the selected item to another.
- When **NOT IN** OSD Menu, **Press Down Key** can call the Volume control bar, and press **Up Key** and **Down Key** can adjust the Volume. (Audio model only)

E) Rear panel:

- **AC power input:** To connect with the power cord.
- **Video signal cable:** To connect with personal computer's R.G.B signal output.
- **Audio input:** To connect the Audio input from PC. (Option)
- **Vedio input:** To connect the Vedio signal from VTR 、 DVD or VCD
- player. (Option)

F) The monitor complies with the Scandinavian Standard requirement (MPR-1990) against Low Frequency Electric Field, Magnetic Field and Static Electricity.

Using the LCD Monitor

4.1 Standard Package

- LCD MONITOR
- Detachable AC Cord
- User Manual

At the time of unpacking the monitor, be sure that your monitor package includes all the above items. Save the original carton and other packing materials in case you have to transport the unit to another place in the future. They make an ideal and safe shipping package.

Note:

- The monitor comes with the standard Tilt -Swivel Base fitted to the monitor.
- The AC Cord is ready for power supply connection as supplied.
- The User Manual should be kept for frequent reference.

4.2 OSD Windows's Icon function explanation

Auto
Input Source
Brightness
Contrast
Color
Phase
Clock
Position
Language
Recall
Exit
1024 x 768
H:60.1KHz V:75.1Hz

- Auto: Auto-adjustment.
- Input Source: Select input signal. (PC/AV1/AV2/S-Video)
- * E-5V Only
- Brightness: Adjust the overall image and background screen brightness.
- Contrast: Adjust the image brightness in relation to the background.
- Color: 9300 deg k and 6500 deg k and 5500 deg k set by factory, the user function is adjusted R.G.B. color level by user.
- Phase: Adjust phase.
- Clock: Adjust clock.
- Position: Adjust Image Position and OSD window Position.
- Language: Select English, German, French, Italian, and Spanish.
- Recall: Reset the adjustment value return to the factory setting.
- Exit: Quit the OSD window.

Video OSD Menu

Input Source	
Brightness	
Contrast	
Color	
Hue	
Sharpness	
Position	
Language	
Recall	
Exit	
AV1	640x240
H:15.7KHz	V:60.0Hz

- Input Source: Select input signal. (PC/AV1/AV2/S-Video)
- Brightness: Adjust the overall image and background screen brightness.
- Contrast: Adjust the image brightness in relation to the background.
- Color: Adjusted color level by user.
- Hue: Adjust color phase.
- Sharpness: Adjust Image Sharpness
- Language: Select English, German, French, Italian, and Spanish.
- Recall: Reset the adjustment value return to the factory setting.
- Exit: Quit the OSD window.

4.3 OSD (On Screen Display) control

- Press button "MENU" Key to display OSD Icon window.
- When OSD window displayed over 10 sec but no any active then the window will be disappeared automatically.
- When you press button "UP" or "DOWN" Key the OSD Icon select window will display on Panel, and select your Icon item and then press button "MENU" Key to decide your adjust value.
- If you want quit it please choice Icon " Save and Exit or Cancel and Exit " and press button "MENU" Key.
- OSD window position may be little shifted from the screen central, depend-upon input signals.

4.4 Power management DPMS

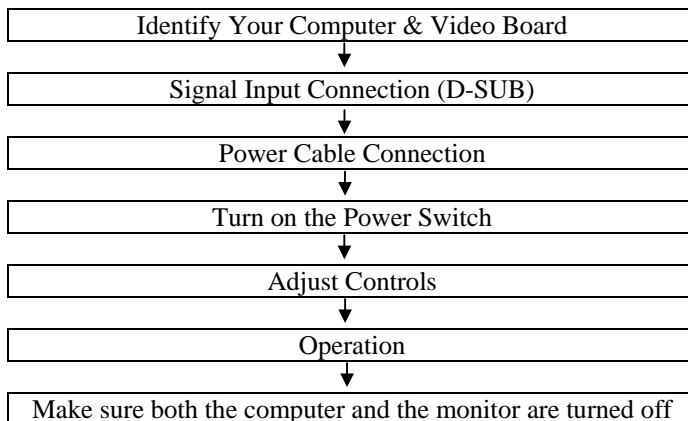
DPMS (display power manager signaling) system is follows VESA (video electronics standard association) power down method; the power down process system should be used to communicate with the monitor to save energy. The power down process by using monitor's horizontal and vertical SYNC signals, the following is description of the LED indicator for the DPMS modes.

Mode	LED indicator	Power
ON	Green	Normal
Stand by suspend	Red	< 5W
OFF	Red	< 5W

4.5 Trouble Shooting

Problems	Check Following Items
No power	Make sure power button (or switch) is ON. Make sure A/C power cord is securely connected to the back and to a power outlet. Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.
No video picture	The video card should be completely seated in its slot, power switch should be at "ON" position. Make sure signal cable completely connected to the VGA card.
Image is scrolling or unstable	Signal cable should be completely attached to the computer, check VGA card's signal timing and pin assignment, and that the card is properly seated in the computer.
Power on but no screen image	Make sure the video cable supplied with the LCD monitor is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached permanently to the LCD monitor, tightly secure it to the LCD monitor. Adjust brightness and contrast. Check this user's guide to see if an adapter is required for proper signal continuity between the graphics card and LCD monitor.
LED indicator light	Power cord must be connected. And Press the Power ON
Control buttons do not work	Press only one button at a time.

4.6 Getting ready for operation



Should any problem appear on the monitor during its connection and installation, refer to the Quick Trouble Shooting" and if problems persist, contact your dealer.

4.7 How to use Plug & Play

This monitor features the VESA DDC (Display Data Channel) standard that, when used with a DDC compatible video card, will simplify the monitor's setup. DDC is a protocol that allows the monitor to communicate with the video card. The monitor sends signals to the card informing the card of the monitor's factory preset modes. A table is created to match the maximum refresh rates of the monitor with those of the VGA card. Therefore, for example, when you choose a resolution in Windows, the monitor will automatically run at a high refresh rate.

To implement DDC is simply:

- Turn on the monitor, Turn on the computer.
- That's all Some DDC compatible video cards will allow you to save the compatible information in your AUTOEXEC.BAT file. If not, just be sure to turn on the monitor before the computer to activate DDC.

4.8 Video Enhancer ON/OFF Control

Video enhancer is designed to enhance visual quality especially on multimedia dynamic display; it improves visual quality not only on brightness but also on contrast and color.

The sharpness is increased up to 100% on dynamic motion pictures and 25% on static pictures. It solves the typical problem of insufficient brightness and clarity when displaying multimedia dynamic motion pictures from the Internet, DVD, VCD, CCD, PCTV, and 3D Game.

- Press button " G-Turbo " Key control enhancer ON/OFF.

Timing Charts

N0.	Resolution	H. Freq. (KHz)	V. Freq. (Hz)	Pixel Freq. (MHz)
1	640x350	31.5	70	25.175
2	720x400	31.5	70	28.322
3	640x480	31.5	60	25.175
4	640x480	35.0	67	30.240
5	640x480	37.9	72	31.500
6	640x480	37.5	75	31.500
7	800x600	35.2	56	36.000
8	800x600	37.9	60	40.000
9	800x600	48.1	72	50.000
10	800x600	46.9	75	49.500
11	832x624	49.7	75	57.280
12	1024x768	48.4	60	65.000
13	1024x768	56.5	70	75.000
14	1024x768	60.0	75	78.750
15	1024x768	60.2	75	80.000

Specification

Model No.	E-5/5S/5V
Type	15" active matrix TFT XGA LCD
Pixel Pitch	0.297mmx0.297mm
Display Area	304.1mm (H) x 228.1mm (V)
Resolution	1024x768
Brightness	250 cd/m2 (G-Turbo 300 cd/m2)
Contrast ratio	300:1 (G-Turbo 400:1)
Response Time	T _R 7ms / T _F 23ms
Viewing Angle	60° / 60° horizontal , 40° / 60° vertical
Display Color	262K / 16.7M
Light Source Long life	20,000 hrs. (Min)
Frequency	Fh:31.5~60.0KHz, Fv:56~75Hz
Input Signal	0-0.7Vpp, RGB Analog, 75Ω terminated
DDC	VESA DDC2B
Power Input	Input AC 100~240V 50/60Hz Output DC 12V 3A
Power Consumption	25~34W (Operation), <5W (Standby)
Power Management	VESAR DPMS standard EPA Energy Star
Operating Conditions	Temperature 0 ~ 50°C , Humidity 5% ~ 95%
Regulations	UL 、 CSA 、 TUV-GS 、 FCC-B 、 CE
Dimensions	393mm(W) x417mm (H) x210mm (D)
Weight	4.6 Kg
Feature	G-Turbo Stereo Audio Input, 2W Output (E-5S) Video/S-Video Input (E-5S/5V)

