THE ART OF Hi-Tech

Prestigio

22 "WIDE"
TFT LCD MONITOR

USER MANUAL
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CONTENT

1.SPECIFICATIONS

1-1. LCD PANEL(BASE ON PANEL)

1. DISPLAY AREA: 473.76(H)×296.1(V)mm
2. NUMBER OF PIXELS: 1680X1050
3. PIXEL PITCH: 0.282(H)×0.282(V)mm
4. CONTRAST RATIO: 1000:1(Typical, Perpendicular)
5. VIEWING ANGLE(More than the contrast ratio of 10:1)
   HORIZONTAL : 170º(Typical)
   VERTICAL: 160º(Typical)
6. RESPONSE TIME: 5mS(Typical)
7. LUMINANCE: 300 cd/m2(Typical)

1-2. VIDEO AND SYNCHRONIZATION SIGNALS

1. SIGNAL CABLE: 15-Pin D-Shell Connector
2. VIDEO: Analog Levels
3. HORIZONTAL SYNC: TTL Positive/ Negative
4. VERTICAL SYNC: TTL Positive/Negative
5. PIXEL FREQUENCY: 135MHz(Max.)
6. DISPLAY COLORS: Limited by VGA Card
7. VIDEO SIGNAL INPUT: 0.7VPP

1-3. DISPLAY DATA CHANNEL

COMPATIBILITY: VESA DDC 1/2B

1-4. SCANNING FREQUENCY
1. HORIZONTAL: 30 - 82 KHz .
2. VERTICAL: 50 - 75Hz .

1-5. POWER SUPPLY
AC INPUT: 100~240 VAC, 60/50Hz, 1.5A

1-6. ENVIRONMENT
1. OPERATING TEMPERATURE:
2. $0^{o}C \sim 40^{o}C$
3. OPERATING HUMIDITY:
4. 10%~ 90%
5. STORAGE TEMPERATURE:
6. $-20^{o}C \sim 60^{o}C$

2.PLUG AND PLAY
2.1 DDC FUNCTION

The Display Data Channel DDC will allow the display to inform the host system about its identity and depending on the level of DDC used, communicate additional levels of display capability.
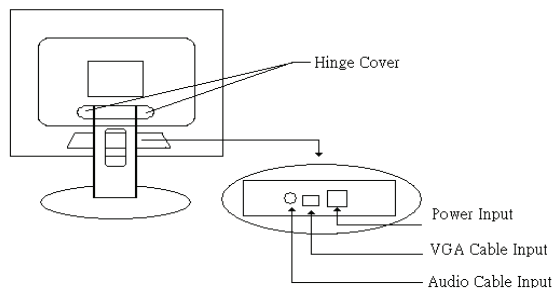
DDC 1: One uni-directional data channel.

DDC 2: One bi-directional data channel.

This LCD monitor can support display type DDC1/2B

3.INSTALLATION

To install the monitor to your host system, please follow the steps as given below:

3-1.CABLE CONNECTION

    a. Connect the VGA cable to the back of LCD Monitor.

    b. Plug the power cord into the wall outlet, and the other end of the power cable into the Power Input of the back of LCD Monitor.

    c. Connect the Audio cable to the back of LCD Monitor.

3-2. WALL MOUNT FUNCTION

If you want to use this function, please prepare the Wall Mount Kit by yourself

    a. Please be careful to lie down the LCD Monitor

    b. Open the Hinge Cover and screw off the Hinge

    c. Assemble one metal kit to the Real Cover

    d. Hang the LCD Monitor on the wall

3-3. POWER ON

Turn on the Power Switch of both your LCD Monitor and your computer.

4.USER INTERFACE CONTROL

4-1. OSD Control Key

Power Key : Power ON/OFF

Menu Key : Enter the main menu of the on-screen display
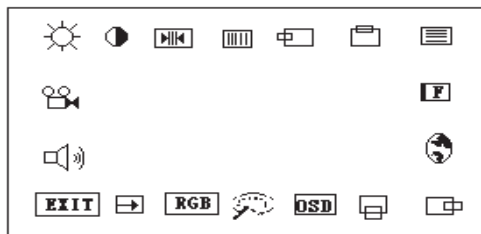
DEC "-" Key : Decrease the value of the chose item

INC "+" Key : Increase the value of the chose item

Auto Key : Automatically adjusts H-Position, V-Position, Pixel Clock and Phase for an optimal image

4-2. OSD Control Function List

Input for PC

Press "+" or "-" to locate the item you desire to change, then press "Menu" to make the adjustment, then press "Menu" again to go back main menu.

☼ Brightness : Press "+" or "-" to adjust the brightness.

◑ Contrast : Press "+" or "-" to adjusts the difference between the light and dark areas.

▣ Clock : Adjusts the video distortion. It will appear horizontal noise on the screen while adjust the Clock.

◑ Phase : Adjusts the video distortion. It will appear vertical noise on the screen while adjust the Phase.

▱ Horizontal Position: Moves the display picture left or right

▱ Vertical Position : Moves the display picture up or down

▤ Sharpness: Adjust the sharpness (available in scaling-up mode)

F Text Mode : Zoom ratio change

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between VGA and Text mode Press "Menu" to executing

⊕ OSD Language: Change the OSD language, and press "Menu" to executing

⊡ OSD H-Position : Adjusts the OSD position. Press "+" to right, press "-" to left

⊟ OSD V-Position : Adjusts the OSD position. Press "+" to up, press "-" to down

OSD OSD Transparence : Adjust the OSD transparency

⚶ Switch Color: Adjusts color temperature.

RGB Press "+" or "-" to select a color mode

Set Color USER : Adjust color temperature for User mode

⇥ Reset : Restore the default value(factory mode). Press "Menu" to executing

EXIT Exit : Exit the OSD menu and save

the values. Press "Menu" to executing

◁)) Volume: Press "+" or "-" to adjust the volume setting

📹 Input Source : Press "+" or "-" to select input source, and press "Menu" to executing

Input for PC

Press "+" or "-" to locate the item you desire to change, then press "Menu" to make the adjustment, then press "Menu" again to go back main menu.

1. Brightness : Press "+" or "-" to adjust the brightness.

2. Contrast : Press "+" or "-" to adjust the difference between the light and dark areas.

3. Sharpness : Press "+" or "-" to adjust the sharpness.

4. Color : Press "+" or "-" to adjust between colorful and colorless.

5. Tint : Press "+" or "-" to adjust color varying.

6. Volume : Press "+" or "-" to adjust the

volume.

7. Input Source : Press "+" or "-" to change the input source.

8. Memory Recall : Restore the default value (factory mode). Press "Menu" to executing

9. Exit   :Exit the OSD menu. Press "Menu" to executing.

5.POWER MANAGEMENT

This monitor meets the power management standards as set by the Video Electronics Standards Association

(VESA) and/or the United States Environmental Protection Agency (EPA) .

This feature is designed to conserve electrical energy by reducing power consumption.

This function is activated by an operating system or Windows utility program which turns off the monitor

display and also turns off or changes the color of the monitor's power LED.

Mode	Power					
	H-SYNC	V-SYNC	Video	Audio	Indicator	Consum-ption
Normal	Yes	Yes	Activated	Yes	Green	<40W
Stand-by	No	Yes	Blanked	No	Orange	<3W
Suspend	Yes	No	Blanked	No	Red	<3W
Off	No	No	Blanked	No	Red	<3W
Out of Range	Yes	Yes	Blanked	No	Red	<3W

Notice: Out of range means H-Sync.>60KHz,H-Sync.<29KHz, V-Sync.>70Hz or V-Sync.<50Hz

6.TROUBLE SHOOTING

6-1. Problem : No picture appears on the screen

☐ If power LED is off: check if power cable is securely connected

☐ If power LED is RED in color: check if video cable is securely connected.

Also check if your computer is switched on.

☐ If power LED is GREEN in color: check if H SYNC frequency is out of range.

Adjust the brightness and contrast control.

7.TECHNICAL INFORMATION

7-1. Precautions

☐ Only a qualified service technician should open the monitor case. Components inside of the monitor can cause serious electric shock. Do not attempt to remove the back cover of the monitor by yourself. Contact your monitor dealer or authorized service personnel if your monitor needs to be repaired.

☐ To prevent fire or shock hazard, do not expose this monitor to rain or moisture.

7-2. Weight

☐ Approx.4.0 kgs(net)

7-3. VIDEO PIN ASSIGNMENTS

Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	Red	6	Red Return	11	NC
2	Green	7	Green Return	12	SDA
3	Blue	8	Blue Return	13	H-Sync.
4	NC	9	NC	14	V-Sync.
5	GND	10	GND	15	SCL

7-4.AUDIO SPECIFICATION

Output : 2W(×2) RMS

Controls : Volume

Response : 30Hz~20KHz

▢ CLASS B RADIO FREQUENCY Interference Statement

NOTE: 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.**

Notice

Any change or modification not expressly approved by the party responsible for compliance could

void the user's authority to operate the equipment.

DOC COMPLIANCE

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio interference Regulations of the Canadian Department of Communications.