Class B Radio Frequency

Federal Communications Commission
Radio Frequency Interference

Statement Warning:

Note: This equipment has been 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 protec-tion against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and. may cause harmful interference to radio communi-cations.

However, there is no guarantee that interference will not occur in a particular installation absolutely following the regulations. If this equipment docs cause harmful interference to radio or television reception, that tan be determined by turning the equipment off and on, the user is encouraged to correct the interface by one or more of the following measures:

• Reorient or relocate the receiving antenna. Increase the distance between the equipment and the receiver.
• Connect the equipment to an outlet on a different circuit to the one the receiver is connected to.
• Consult your dealer or an experienced radio-TV technician for help.

Note:
The user may lose the right to operate this device by making any changes or modification not approved by the authorized department.

DOC COMPLIANCE
These digital apparatus docs not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

1. Introduction

1.1 Technical Specifications:

|	
DISPLAY PANEL	17.0 Inch Active Matrix TFT LCD Panel.
SCREEN SIZE	337. 92 (H) x 270.34 (V) mm 17 inches
PIXEL PITCH	0.264(H) x 0.264(V)mm
RESPONSE TIME	16 ms
VIEWING ANGLE HORIZONTAL	170 Degree
VIEWING ANGLE VERTICAL	170 Degree
DISPLAY RESOLUTION	1280 x R.G.B.x1024 pixel
HORIZONTAL FREQUENCY	80 KHz
Vertical Frequency	75 Hz
Display Colors	16.7M
Contrast	450:1
Brightness	250 cd/m*m (Typ.)
Input Signal	0.7 Vp-p / 75 ohms
Input Terminals	15 PIND-SUB
AC/DC Power Adapter Input	AC 100 ~ 240V, 50/60Hz
AC/DC Power Adapter Output	DC 12V/3.0 A (Max.)
Power Consumption - Max	36 Watts (Max.)
Power Consumption-Standby	< = 3 Watts
Operation Temperature	0-40 Degree C
Operation Humidity	Less Than 85%
Measurement	440x385x230(LxWxH), N.W:4.26KGS,G.W.:5,87KGS

1.2 Checklist

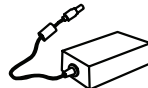Before using the LCD monitor, make sure that all the following items are available in the package.

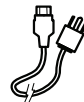User's manual   VGA Cable
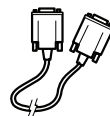
TFT LCD Monitor   DC Adapter   Power Corde

2. User Interface Settings

2.1 Using the Side Control Panel (Membrane Control)

• Power LED Indicator: When it is on, the monitor has been turned on.

/\   /\: Move the cursor upward.
          /\: Move the cursor to the right.
          /\: Increase the value of the OSD options you select for adjustment.
          /\: Use to increase the speaker volume when not entering OSD menu.

\/   \/: Move the cursor downward,
          \/: Move the cursor to the left.
          \/: Decrease the value of the OSD options you select for adjustment.
          \/: Use to decrease the speaker volume when not entering OSD menu.

MENU   **OSD Menu**: Enter the OSD menu and then enter the selected icon or item.

AUTO   **Auto Button**: Press this button to start automatic adjustment.
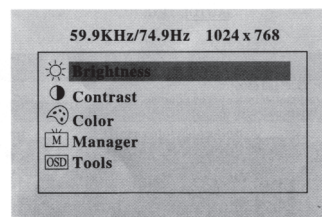
⏻   **Power Button**: Turn on/off power.

2.2 Using the On-Screen Display (OSD)

To adjust the settings:

a. Press MENU to enter or exit the OSD manual,
b. Use /\ / \/ to select the OSD icon of the item you want to adjust.
c. Press MENU and use /\ / \/ to select the items.
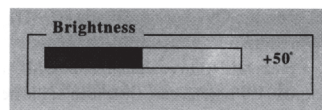d. Press MENU and use /\ / \/ to adjust the value.
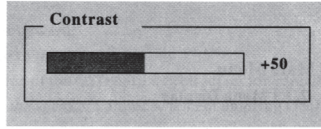
2.3 Main Menu

2.3.1 Menu Display

2.3.2 Brightness
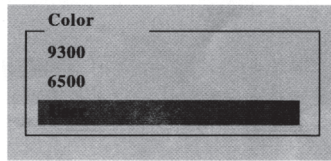
Adjust the brightness of the display.

2.3.3 Contrast

Adjust the contrast of the display.

2.3.4 Color
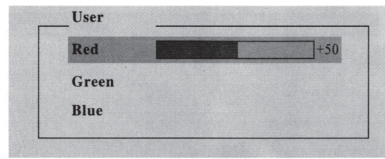
Adjust the color by selecting bulit-in settings of 9300°, 7500o and 6500°.
Or you may customize the tint by adjusting R.G.B. Values manually.

2.3.4.1 User

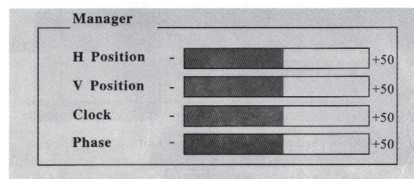| Setting Option	Description
Red	Red color gain adjust.
Green	Green color gain adjust.
Blue	Blue color gain adjust.

2.3.5 Manager

| Setting Option	Description
H Position	Move the display picture in horizontal direction.
V Position	Move the display picture in vertical direction.
Clock	Adjust the sampling clock of ADC.
Phase	Adjust the sampling Phase of ADC.

2.3.6 Tools

```
Tools
  OSD Timeout
  Reset
  Power Save
  Language
```
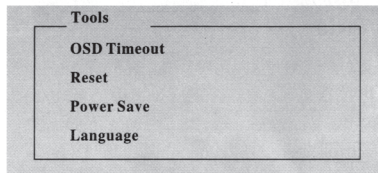
MENU : Select   AUTO : Exit

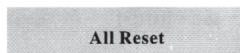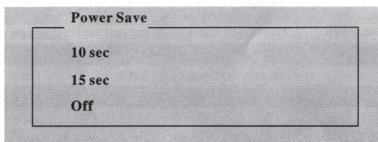| Setting Option	Description
OSD Timeout	Adjust the OSD auto-off lime.
Reset	Reset all setting to default values.
Power Save	Power save the settings and exit the OSD screen.
Language	Select the OSD Language.

2.3.6.1 OSD Timeout

Adjust the OSD auto-off time.

```
OSD Timeout
  10 sec
  15 sec
  30 sec
```
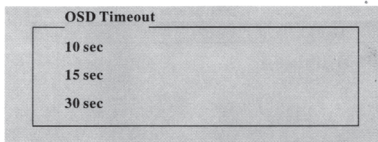
AUTO : Exit

2.3.6.2 Reset

Reset all setting to default values.

```
All Reset
```

2.3.6.3 Power Save

Power save the settings and exit the OSD screen.

```
Power Save
  10 sec
  15 sec
  Off
```

AUTO : Exit

2.3.6.4 Language

Select the OSD language.

```
Lauguge
  English
  Deutsch
  Franch
  Espanol
  Italiano
  Simplified Chinese
  Traditional Chinese
  Japanese
```
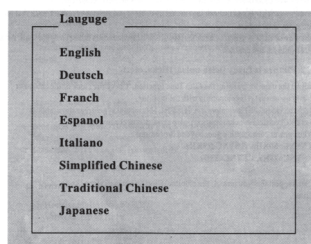
AUTO : Exit

3. Trouble Shooting

Q1: No picture on the monitor.
The Power LED is off: Check that the power cord is properly connected.
The Power LED is red: Check that the video cable is properly connected. Check that the computer is turned on.
The Power LED is green: Check that the HSYNC frequency is not beyond the limit. Adjust the brightness and contrast.
Q2: Picture is fuzzy (with noise, flicks, etc.)
Adjust the monitor by using the Auto Tune function. Check the clock of the computer to make sure that it is compatible with the monitor.
Both the video LED indicators, i.e. H-SYNC (horizontal synchronization) and V-SYNC(vertical synchronization), also show power consumption,
When power consumption goes beyond the limits:
H SYNC>80KHz, H SYNC<29KHz
V SYNC>75Hz, V SYNC<55Hz
* We suggest that you turn off the monitor if you do not use it for a long time.

4. Technical Information

Warning:

Only qualified service personnel should open the monitor cover since some components inside the monitor may cause a severe electronic shock. Do not open the monitor cover without help.
If your monitor needs repairing, contact the retailer or authorized service personnel. Do not expose the monitor to the rain or moisture to avoid fire or an electronic shock.

Specifications:
  Approximately 4.26 kg (Net weight)
  Safety standards: FCC-B/UL/CSA/TUV-GS/CE/MPRH/TCO(on selected items)
  Maximal horizontal rotation angle: 330° in total
  Maximal tilt angle (upward): 25°
  Maximal tilt angle (downward): 5"
Scanning Frequency
  1. Horizontal: Up to 80 KHz
  2. Vertical: Up to 75 Hz
Power Supply:
  AC Input: 100-240 Vac, 60/50Hz. 1.1 A
Environment:
  1. Operating temperature: 0°C-40°C
  2. Operating humidity: 10%-90%
  3. Storage temperature: -20°C-65°C
  4. Storage humidity: 5%-90%