

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 protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation absolutely following the regulations. If this equipment does cause harmful interference to radio or television reception, that can be determined by turning the equipment off and on, the user is encouraged to correct the interference 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 does 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	15.0 Inch Active Matrix TFT LCD Panel.
SCREEN SIZE	304 (H) x 228 (V) mm
PIXEL PITCH	0.297(H) x 0.297(V)mm
RESPONSE TIME	16 ms
VIEWING ANGLE HORIZONTAL	+60°~-60° Degree
VIEWING ANGLE VERTICAL	+60°~-60° Degree
DISPLAY RESOLUTION	1024 x 768 pixel
HORIZONTAL FREQUENCY	31-60 KHz
Vertical Frequency	56-75 Hz
Display Colors	16.7M
Contrast	400:1
Brightness	250 cd/m ² m (Typ.)
AC/DC Power Adapter Input	AC 100 ~ 240V, 50/60Hz
AC/DC Power Adapter Output	DC 12V/3.0 A (Max.)
Power Consumption - Max	30 Watts (Max.)
Measurement	360x341x185(LxWxH), N.W:2.57 KGS,G.W.:3,87 KGS

1.2 Checklist

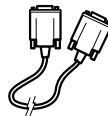
Before using the LCD monitor, make sure that all the following items are available in the package.



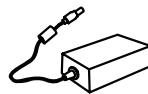
TFT LCD Monitor



User's manual



VGA Cable



DC Adapter



Power Cord

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.

- | | |
|---|---|
| ^ | <ul style="list-style-type: none"> ^: 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. |
| v | <ul style="list-style-type: none"> v: Move the cursor downward, v: Move the cursor to the left. v: Decrease the value of the OSD options you select for adjustment. v: 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.

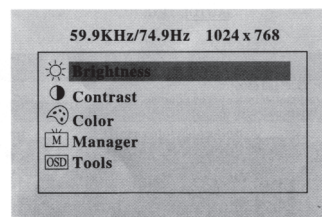
2.2 Using the On-Screen Display (OSD)

To adjust the settings:

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

2.3 Main Menu

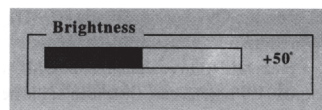
2.3.1 Menu Display



MENU : Select **AUTO** : Exit

2.3.2 Brightness

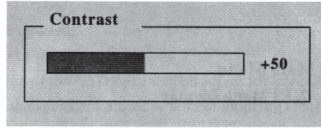
Adjust the brightness of the display.



AUTO : Exit

2.3.3 Contrast

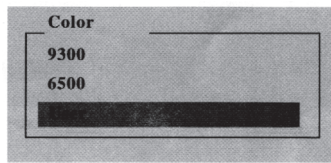
Adjust the contrast of the display.



[AUTO] : Exit

2.3.4 Color

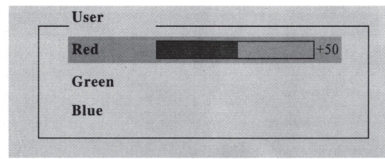
Adjust the color by selecting built-in settings of 9300°, 7500o and 6500°. Or you may customize the tint by adjusting R.G.B. Values manually.



[MENU] : Select

[AUTO] : Exit

2.3.4.1 User

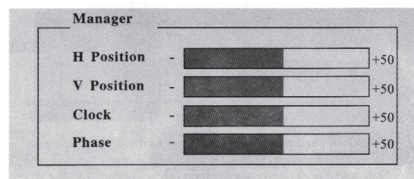


[MENU] : Select

[AUTO] : Exit

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

2.3.5 Manager

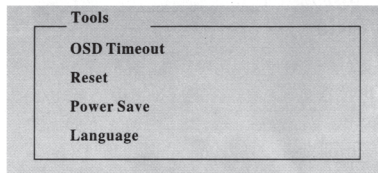


[MENU] : Select

[AUTO] : Exit

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

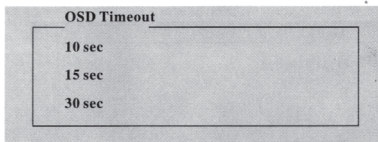


[MENU] : Select [AUTO] : Exit

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

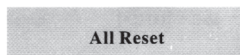
Adjust the OSD auto-off time.



[AUTO] : Exit

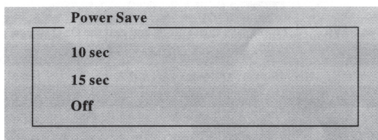
2.3.6.2 Reset

Reset all setting to default values.



2.3.6.3 Power Save

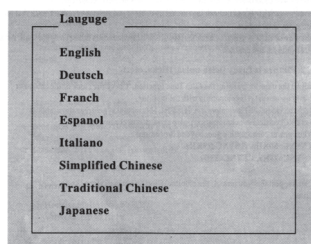
Power save the settings and exit the OSD screen.



[AUTO] : Exit

2.3.6.4 Language

Select the OSD language.



[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:

HSYNC > 80KHz, HSYNC < 29KHz

VSYNC > 75Hz, VSYNC < 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 2.6 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 60 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%