

Color TFT LCD Monitor User's Manual

Important Notice: Please read this manual carefully.

Precaution

Read all of these instructions and save this manual for later use. Follow all warnings and instructions on the product.

1. Do not cover or block the ventilation holes in the case.
2. Do not insert sharp objects or spill liquid into the LCD monitor through the cabinet slots; this may cause accidental fire, electric shock or failure.
3. Unplug the unit when not in use for an extended period of time.
4. Do not attempt to service this product yourself, as opening or removing the cover may expose you to potential electric shock. Only a qualified technician should service this product.
5. Do not touch the screen directly with your fingers as it may damage the screen; the oil from your skin is difficult to remove.
6. Do not apply pressure to the screen, the LCD is very delicate.
7. Keep the monitor away from extreme heat, cold or humid places.
8. Do not place directly under sunlight, dusty surroundings or near equipment, which may generate strong magnetic fields.



FCC Notice

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.

Note: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Introduction

Product Description

Thank you for choosing the Flat Panel TFT-LCD Color Monitor. It combines the features of a MONITOR with a THIN FILM TRANSISTOR Liquid crystal display (TFT-LCD). This new generation of TFT-LCD incorporates a high quality display in a lightweight module.

Unlike CRT displays, the LCD panel has a fixed format over a set area. So, for best performance the "native resolution" setting is recommended.

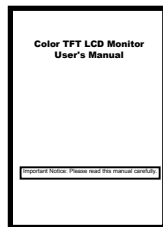
For **17" wide screen LCD monitors**: The native resolution of LCD panel is 1440 x 900. **Recommend resolution is 1440 x 900@60Hz.**

Package Contents

Please check the TFT-LCD Monitor Package to make sure it contains the following items:



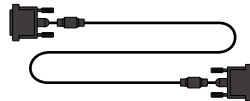
TFT LCD Monitor



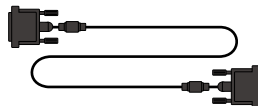
User's Manual



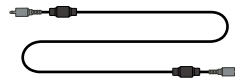
Power cord



VGA cable



DVI cable



Audio cable

Menu Operating Instructions

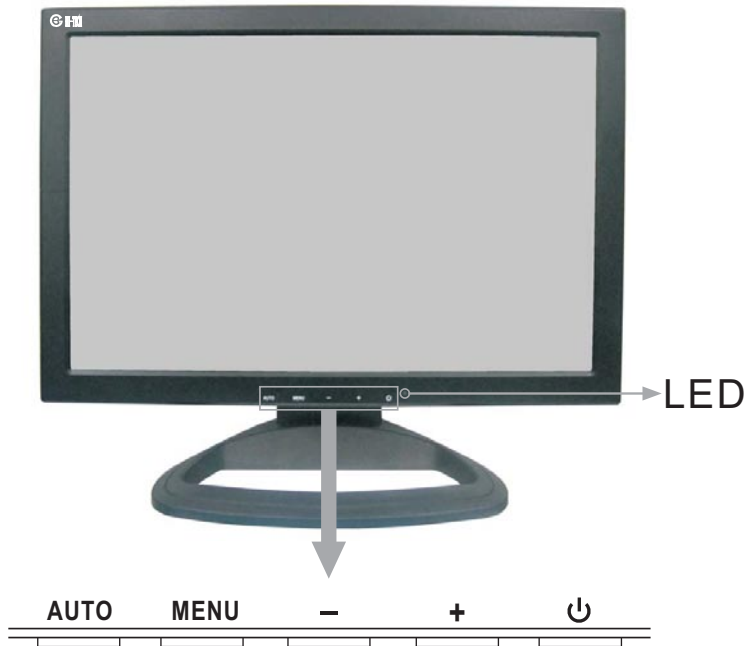
Your LCD monitor allows you to easily adjust the characteristics of the image being displayed. All of these adjustments are made using the control buttons on the front bottom of the monitor. While you use these buttons to adjust the controls, the OSD (On Screen Display) shows you their numeric values as they change.

Instructions of each button on the LCD monitor, please see **Menu Control Buttons** on the next page.

Direct Access Features

1. Push "AUTO" to get the optimal image.
2. With the OSD off, push the "MENU" button to display the main OSD menu.
3. Use " +/- " buttons to select the function, and press the "MENU" button once to activate the selected function.
4. After selecting a function, use the " +/- " buttons to make necessary adjustments. The setting bar moves and the numeric value indicator changes to reflect your adjustments.
5. Select the "Exit" icon to return to the main menu to select another function or to exit from the OSD. The new settings will be automatically saved. You can also press "MENU" button repeatedly to go backward to upper-level menu or exit the OSD.
6. When OSD is not active or visible on your screen:
 - push " - " to decrease volume.
 - push " + " to increase volume.
7. You can choose input source in OSD menu (see OSD function instructions).

Menu Control Buttons



AUTO : Automatically adjusts for an optimal image (when no OSD is used). Returns to upper level of OSD, or exits the main menu (when OSD is used).

MENU: Displays the main menu, or selects command function.

- : Decreases value.
When OSD is not active or visible on the screen, push " - " to decrease volume.

+ : Increases value.
When OSD is not active or visible on the screen, push " + " to increase volume.

⏻ : Power on/off control.

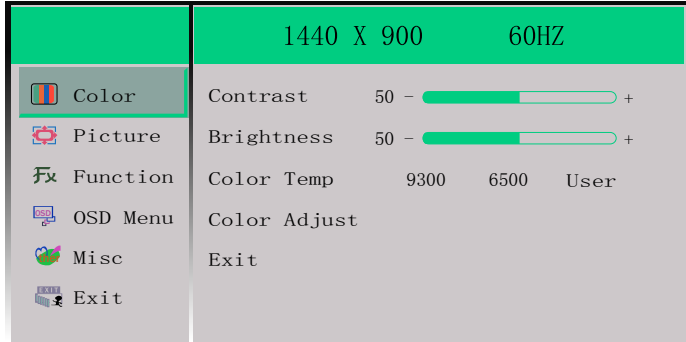
LED : Power On: Green.
Power Saving or No Signal: Red.

On Screen Display (OSD)

Functions Instruction

1. Color Menu

It enables you to adjust image Color.



Contrast

To adjust image contrast.

Brightness

To adjust image brightness.

Color Temp

To set the Color temperature: 9300, 6500, User.

Color Adjust

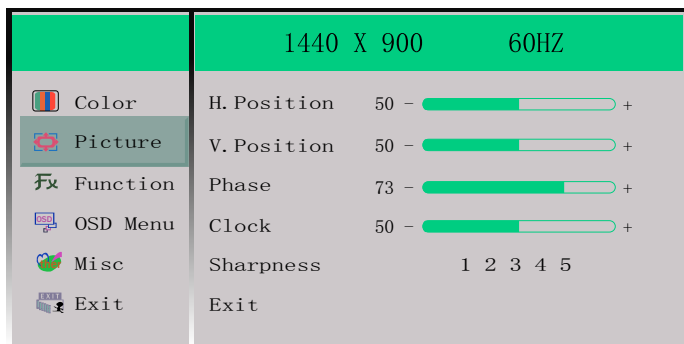
To enter Color Adjust submenu. You can adjust Color components Red, Green and Blue manually.



After adjusting, choose Exit or press AUTO repeatedly to exit.

2. Picture Menu

It enables you to adjust picture.



H.Position

To adjust horizontal position of picture.

V.Position

To adjust vertical position of picture.

Phase

To adjust the phase of picture.

Clock

To adjust the clock of picture.







Sharpness

To adjust the sharpness of picture: from level 1 to 5.

After adjusting, choose Exit or press AUTO repeatedly to exit.

3. Function Menu

It enables you to use Auto Adjust and Auto Color function.

	1440 X 900	60HZ
 Color	Auto Adjust	YES NO
 Picture	Auto Color	YES NO
 Function	Exit	
 OSD Menu		
 Misc		
 Exit		

Auto Adjust

To do auto picture adjusting.

Auto Color

To do auto Color adjusting.

After adjusting, choose Exit or press AUTO repeatedly to exit.

4. OSD Menu

It enables you to adjust OSD menu properties.



Language

Select Language to enter language setting submenu (see below).

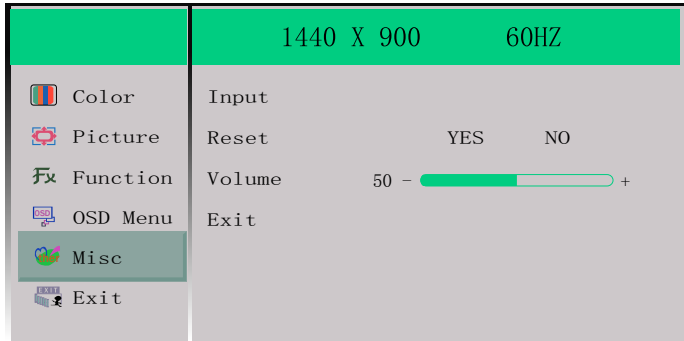


Use "+", "-" buttons to choose the language you need.

After adjusting, choose Exit or press AUTO repeatedly to exit.

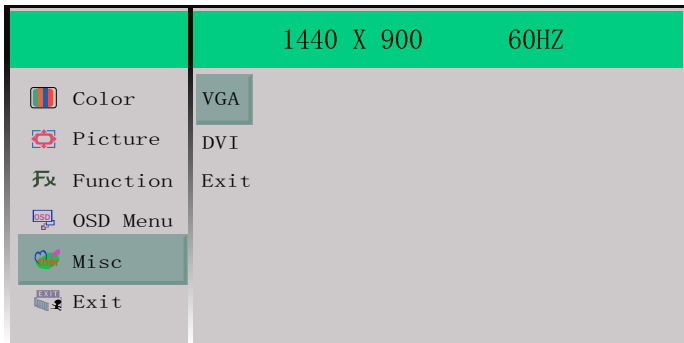
5. Misc Menu

It enables you to choose input source, do reset, etc.



Input

To select input source: VGA, DVI (see below).



Reset

To reset all the settings to factory default.

Volume

To adjust the volume.

After adjusting, choose Exit or press AUTO repeatedly to exit.

Display Modes

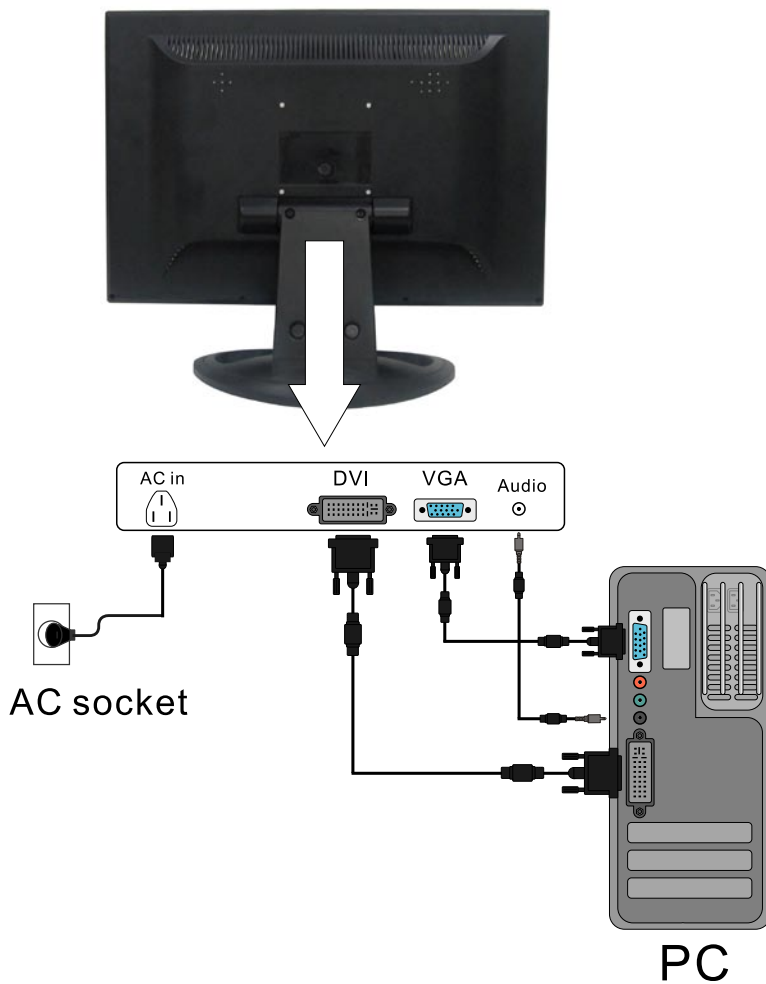
For 17" Wide Mode

Mode	Resolution	Vertical Frequency (Refresh Rate)
1	720 x 400	60Hz
2	720 x 400	70Hz
3	640 x 480	60Hz
4	640 x 480	72Hz
5	640 x 480	75Hz
6	800 x 600	60Hz
7	800 x 600	72Hz
8	800 x 600	75Hz
9	1024 x 768	60Hz
10	1024 x 768	70Hz
11	1024 x 768	72Hz
12	1024 x 768	75Hz
13	1280 x 1024	60Hz
14	1280 x 1024	75Hz
15	1280 x 768	60Hz
16	1280 x 768	75Hz
17	1440 x 900	60Hz
18	1440 x 900	75Hz

To set the display mode

1. **Set the resolution:** Right click on the Windows® desktop → choose Properties → choose Settings → set the resolution.
2. **Set the refresh rate:** See your graphic card's user guide for instructions.

Connection to PC



1. Please connect to the 100–240V AC socket.
2. Please connect signal cable to the PC.

Specification

Item	Description
Display Size	17" wide
Active Area	367(H) x 229(V) mm
Maximum Resolution	1440 x 900
Pixel Pitch	0.255 mm
Aspect Ratio	16:10
Display Colors	262,144
Brightness (Typ.)	200cd/m ²
Contrast Ratio	600:1
Response Time	16ms
View Angle	45+45(H)/20+45(V)
Vertical Frequency	60Hz~75Hz
Display Mode	VGA, SVGA, XGA, SXGA, WXGA+
Signal Interface	D-Sub (Analog), DVI-D (Digital)
Power Consumption (Operation)	<25W
Power Consumption (Saving)	<1W
Power Supply	100-240 V AC, 50/60Hz
OSD Language	Multi-language
Speaker	2W x 2

Notice: Specifications are to change without noticing the customer.

Cleaning

1. Gently wipe the screen with a clean, soft, lens brush or a soft clean, lint-free cloth. This removes dust and other particles that can scratch the screen.
2. Do not apply pressure to the screen surface when wiping it clean.
3. Do not pour or spray any liquid directly onto the screen or case of the LCD monitor. Chemical cleaners may damage the screen of LCD monitor.

Troubleshooting

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or colored dots. This has no effect on the recorded image and does not constitute a malfunction.

Normally, a 17" WXGA+ (1440 x 900) display has nearly 4 million sub-pixels. There are 8 non-performing pixels on the LCD screen, which is only 0.0002% of the total sub-pixels. This percentage is acceptable for any inspection specifications.

- There is no picture on the screen.
A: Please check the color of the LED indicator on the LCD monitor.
 1. "GREEN": During normal operation the LED light will be green. If it is green and there is no picture, contact the customer service line.
 2. "RED": Please check the connection of the VGA cable to the monitor and the connection to the computer.
 3. "NO POWER": Make sure the power cord is securely connected to the socket.
- Missing Colors
A: If any of the red, green, or blue colors are missing, check the signal cable to make sure it is tightened correctly. the pins in the cable could be loose and cause a bad connection.
- No Image
A: 1. Make sure power button is ON.
2. Check whether the LCD monitor and computer power cords are connected and whether there is a supply of power.
- No Signal Input
A: Please check the signal connection between the computer and LCD monitor.

- Image too bright / too dark
A: Adjust brightness and contrast by OSD.
- Irregular Image
A: 1. Check the signal connection between the computer and LCD monitor.
2. Perform Auto Adjust.
- Distorted Image
A: Reset the LCD monitor (Perform "Reset" function by OSD).
- Image is not centered / Size is not appropriate.
A: 1. Use OSD Picture Menu to adjust H.Position and V.Position.
2. Check image size setting.
3. Perform Auto Adjust.
- No sound.
A: 1. Check the audio signal cable connection between the computer and LCD monitor.
2. Check the volume setting.