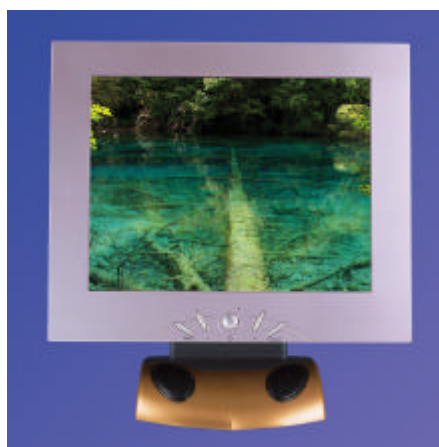


CD-1560B TFT LCD Color Monitor

User's manual



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c. Introduction

The advantages of LCD monitor are that it has not harmful X radiation caused by high energy electron bombing the screen. It also has not air pollution caused by screen high voltage static electricity molecule adsorbing. And because of its soft and steady image quality, your eyes will never feel dry and sore.

This monitor has more features as follows:

High resolution, high contrast color TFT LCD providing sharp, flicker-free images.

Power management circuit conforming to VESA®DPMS™ standard that reduces energy consumption when the LCD is not in use.

Equipped with DDC1™ and DDC2B™ for Plug & Play compatibility.

Supports a true VGA resolution of 1024X768 as well as VGA modes for IBM or PC compatibles and Power Macintosh, Power PC, and Macintosh compatibles.

Saves more than 2/3 of space (foot print) & energy (power).

Two speakers each 2W, able to use in multi-media application.

International Standard Met: UL, CSA, FCC, T V/GS, CE and U.S. FCC Standard

Built-In Power Supply has power-saving function.

2 Precautions

Sit at least 18" from the TFT LCD Color Monitor.

Do not apply pressure to the screen because the LCD is very delicate.

Do not touch the screen directly with your fingers, because you may damage the screen, and the oil from your skin is difficult to remove.

Do not place anything on top of the LCD.

Ensure the area around the LCD clean and moisture-free.

Do not place heavy objects on the power cord, video or audio cables, or

on the LCD.

If smoke, abnormal noise, or strange odor is present, immediately switch the LCD off and call your dealer. It is dangerous to continue using the LCD.

Never remove the rear cover, because the display unit contains high-voltage parts and you may suffer electric shock if you touch these parts.

Always handle your LCD with care when moving it.

3.Cleaning the TFT LCD Color Monitor

To clean the screen:

1. Gently wipe the screen with a clean camel hair lens brush, or a soft, clean, lint-free cloth. This removes dust and other particles that can scratch the screen.
2. If it still not clean, blow on the screen and gently wipe with a soft, clean, lint-free cloth.

Never pour or spray any liquid directly onto the screen or case of the LCD.

DO NOT APPLY PRESSURE TO THE SCREEN.

d. Package content

Your TFT LCD Color Monitor package includes the following:

- e. 15 inch TFT LCD Color Monitor
- f. Power Cord
- g. Signal Cable
- h. User's manual
- i. Audio Cable

If any of the above items missed or damaged, please contact your distributor.

5 Installation

a Select location

- j. Make sure that your monitor will be set up on a stable surface.
- k. The Power socket will be near the monitor.
- l. Choose a well-ventilated space to position your monitor.
- m. Avoid exposing the LCD to direct sunlight.
- n. Adjust the environmental light for the best viewing condition.

b. Connect the signal cable

- o. Plug in the ends of the signal cable to the monitor and the computer separately, and tighten the connection bolts.

c. Connect the power cord

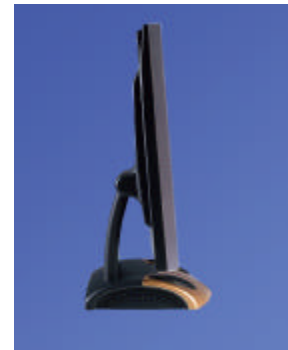
Plug in the female end of the power cord to the back of the monitor.

Plug in the male end of the power cord to the power socket.

6 Operation

p. Inclination and horizontal position adjustment

Inclination range -5 ~ +145 as follows:



Horizontal position adjustment turn the monitor to any directions you wish.




b. Power Switch and power-on

Power Switch

Power switch locates on the back of monitor. Press I, turn monitor on; press O, turn monitor off. Once the power switch turns on, you needn't turn it off; you need only control and switch on the panel. When PC powers off or enters power-saving state, the power of monitor will automatically change to power-saving state.

WARNING You must pull out the power cord from the socket, if you want your monitor is thoroughly on power-off condition.


Display Switch

Display switch is at  position on the panel(Fig4-1). Using this switch, you can switch on and off the monitor screen at anytime.

Display Indicator

The LED locates on the front panel(Fig4-1). When LED turns green, the monitor is ready to use; When LED is not bright, the monitor is on power saving mode, or, the power-off mode.

q. OSD(On Screen Display) Keys


Your TFT-LCD Color Monitor is controlled by five easy to use buttons----Screen ON/OFF , Menu, +, -, Select(Fig4-1).



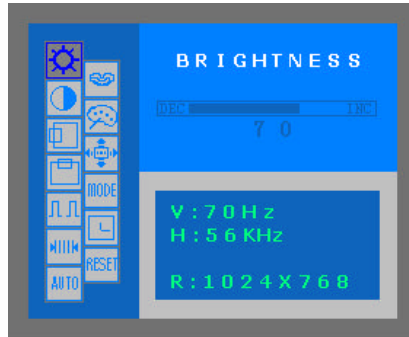
r. OSD Controls and Adjustments

OSD menu will be appears by clicking the menu key. You can use the four OSD keys for controls and adjustments of optional value.(e.g. brightness, contrast, etc.)

The functions of OSD keys are as follows:

Keys	Switch function
Menu	First click: Pop up the OSD main menu. Second click: Remove OSD Menu or move to Previous Menu.
+	Move to next menu item or increase current optional value.
-	Move to previous menu item or decrease current optional value.
Select	Select and confirm
	Screen ON/OFF

s. OSD Image Illustration



OSD Main Menu



AUTO ADJUSTMENT

By select this item, the system will automatically adjust the clock, phase, H-position and V-position values.



CLOCK

By selecting this item, you can adjust the main clock value.



PHASE

By selecting this item, you can adjust the phase of clo



H-POSITION

By selecting this item, you can adjust the horizontal position of screen.



V-POSITION

By selecting this item, you can adjust the vertical position of screen.



OSD DISPLAY TIME

By selecting this item, you can adjust the display time of OSD.



CONTRAST

By selecting this item, you can adjust the contrast. You can select the RED, GREEN, or BLUE sub-option.



MODE SELECT

By selecting this item, you can select the mode between 640X400 and 720X400.



LANGUAGE

By selecting this item, you can select the language of OSD.



COLOR CONTROL

By selecting this item, you can adjust the color temperature.



RESET

By selecting this item, all mode settings are stored in the EEPROM by factory will be restored.



BRIGHTNESS

By selecting this item, you can adjust the brightness.




OSD WINDOW LOCATION


By selecting this item, you can adjust the location of OSD window.



7. Troubleshooting

PROBLEM	SOLUTION
The power switch is on, but The LED light doesn't work.	Check and make sure that the power cord and signal cable are securely connected, then press  key on the front panel.
There is a glaring line at the edge of screen(vertical or horizontal line), or the display is not at the center of screen.	Enter MENU, select Auto or H-POSITION or V-POSITION, adjust it.
The screen picture quivers and shows unsteady.	Connect the signal cable tightly and correctly.
The screen picture jitters and waves.	Move electric facilities away, which will interfere the monitor.
The picture is fuzzy, or the color is not bright.	Enter MENU, select BRIGHTNESS, CONTRAST, and COLOR CONTROL, adjust it.
The picture is adjusted to a mess, and can't come back to the original settings.	Enter MENU, select AUTO or Reset.

8 Technical data

Model Name	CD-1560
Display Type	TFT
Display Size	15"
Resolution	1024X768
Pixel Pitch	0.297(H)X0.297(V)
Display Area	304.128(H)X228.096(V)
Response Time	20ms
Number of Colors	16,194,277
Contrast	300 : 1
Brightness	250 cd/m ²
Viewing angles	Horizontal: -65 ~ +65 Vertical: -40 ~ +50
Input Signal	Analog RGB: 0.7Vpp
Input Connector	D-SUB 15 PIN
Plug & Play Support	VESA DDC1/2B
Power Management	DPMS
Vertical Frequency	56 ~ 75Hz
Horizontal Frequency	18K ~ 60KHz
Input Voltage	AC100V ~ 230V, 50/60Hz
Power Consumption	30W(Max.)--Operation 0.1W(Max.)--Energy Saving Mode
Accessories	Power Cord, Signal Cable, User's Manual, Audio Cable
Operating	Temperature: 0 ~ 50C Humidity: 85%
User Control	OSD: Menu + - Select 
Outline Dimension	465 X 243 X 473 mm
Weight	Net: 4.5kg Gross: 5.9kg

FCC INFORMATION

This equipment has been tested and found to comply with the limits of 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 the 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 equipment and receiver; or connect the into an outlet on a circuit different from that to which the receiver si connected.

FCC WARNING

To assure continued FCC compliance, the user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications to Am TRAN products will avoid the user's authority to operate this device. Thus Am TRAN will not be held responsible for the product and its safety.

CE CERTIFICATION

This device complies with the requirements of the EEC directive 89/336/EEC with regard to electromagnetic compatibility.

