User Manual

TFT LCD Monitor

LD – 700T

DIGITAL DEVICE

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 dose 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 / television technician for help.

Warning : You are cautioned that any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

• NOTE: This unit was tested with shielded interface cables for the connection to the host PC. The shielded interface cable must be used with the unit to insure compliance

DOC CLASS B NOTICE

This digital apparatus does not exceed Class limits for radio noise emission for a digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.
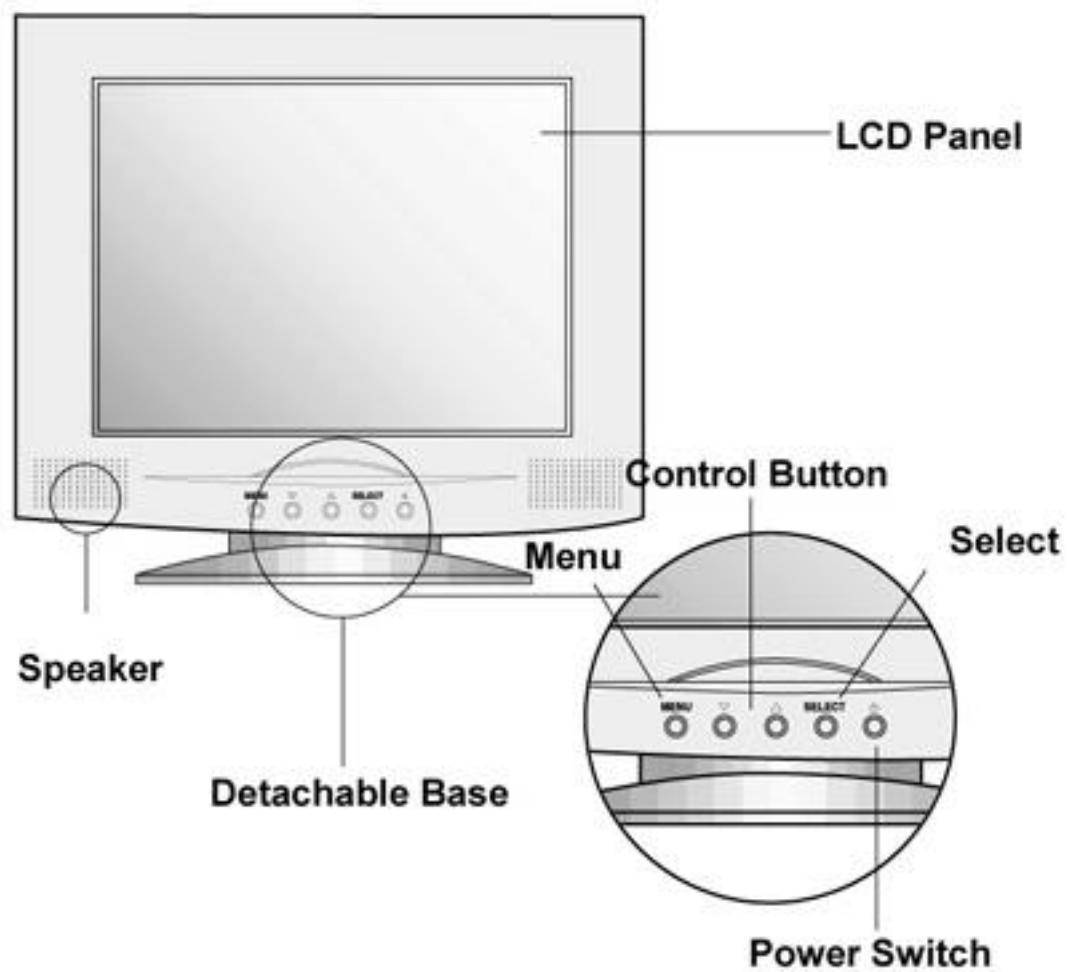
MAIN FEATURES

Thank you for purchasing our high resolution TFT LCD monitor.

We recommend that you thoroughly read through this user's guide before using the product.
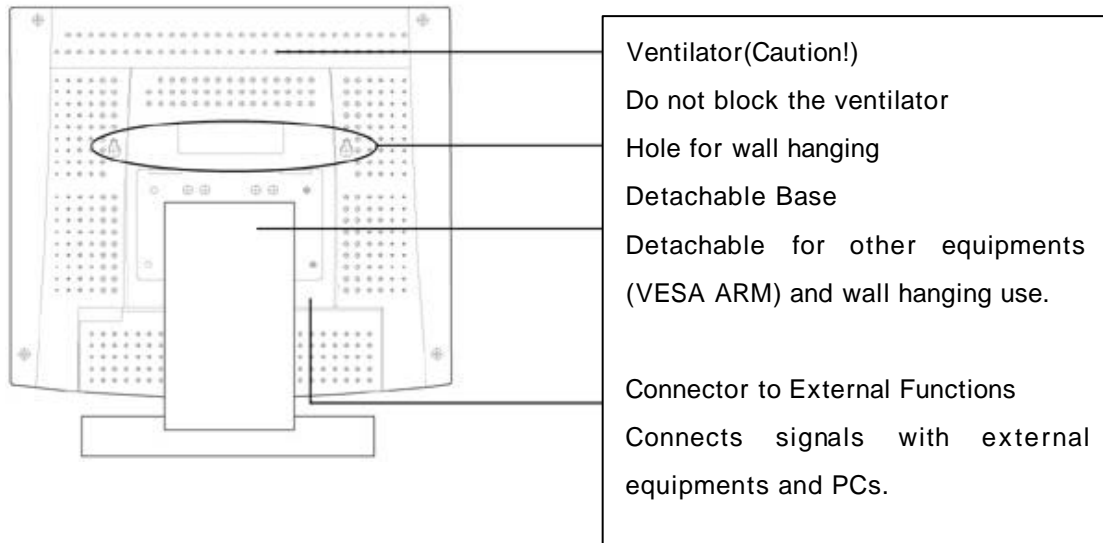
It is also recommended to safely store the guide in times of immediate need in the course of using the product.

FRONT OF MONITOR

Uesd in turning on/off the screen.

The power light shows regular and safe mode functions with colors.

	Ventilator(Caution!)
	Do not block the ventilator
	Hole for wall hanging
	Detachable Base
	Detachable for other equipments (VESA ARM) and wall hanging use.
	Connector to External Functions
	Connects signals with external equipments and PCs.

FUNCTIONS

Although regular monitors for PCs use CDT as a medium for display, the TFT LCD Monitor is a Flat Panel Display based on digital technology, and was originally used only for laptops PCs. Now it is used for desktops and laptops alike, opening a world of conveniences and quality to those ardent PC users.

The following functions are provided in our products.
1. Convenient and easy to handle Control Button.
2. From PC function .
3. A slim and space reducing monitor
4. Monitor transferable for wall hanging.
5. Industrial robot and VESA install able.
6. Liberal angle control.(+30 ~ -5)
7. Low energy consumption
8. Scarcely influences surrounding objects, with no harmful electronic waves, noise, heat or magnetic activities.

COMPONENTS

After discarding the package and wrapping of the LCD PC, check for the following components in the box.

Components

LCD PC, Power Adapter, User's Guide, Signal Cable, Power Cable,

Battery (AA) 1.5V x 2

PRECAUTIONS IN INSTALLING

Install on safe ground, : There's possibility of damage of the product or harming people.

Always cover the product or keep in a well ventilated place. : There is danger of fire and also for safe maintenance

Do not put anything containing water, medicine, small metal material, or heavy objects on the product. : Danger of fire, electrocution, and damage

Do not expose the product to direct sun light. : The screen will not maintain clarity and may cause damage to the eye.

Do not install in damp, dusty, or wet places. : Danger of fire and electrocution.

Do not put candles, cigarettes, or other objects with excessive heat. : Danger of fire.

Do not install any external connections, only connecting cords and adapter included in the box. : Damage and fire may occur.

CONNECTION TO YOUR PC for 17' Only

1.12V DC Jack
2.PC 15 Pin Jack
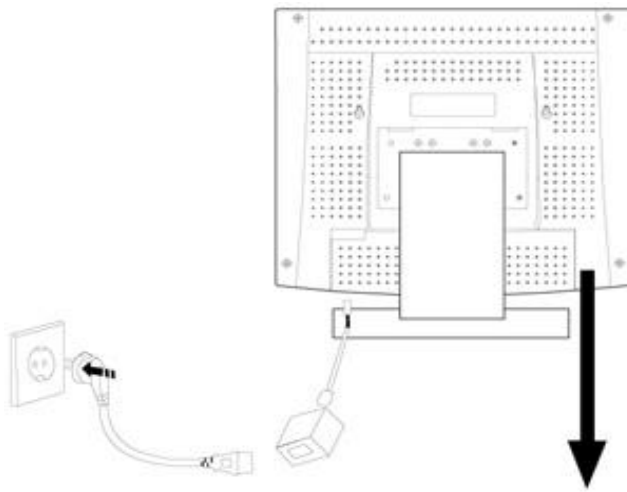
PC FUNCTION SETTING

Information

Information of the screen

> Menu ⚙ Information Select ⚙ Control with ⚙⚙ Menu ⚙
>
> Yon can see the information of the screen.

Input Source

TV or changing to another mode

> Menu ⚙ Input Select ⚙ Control with ⚙⚙ Menu ⚙
>
> Yon can change input mode.
>
> (TV – Composite – S-VHS – Component – PC)

OSD Control

Vertical Position of OSD

> Menu ⚙ OSD Control H Position Select ⚙ Control with ⚙⚙
> Menu ⚙
>
> Yon can adjust horizontal position of OSD.

Halftone of OSD

> Menu ⚙ OSD Control Halftone Select ⚙ Control with ⚙⚙
> Menu ⚙
>
> Yon can adjust halftone of OSD.

Contrast

To clarify the screen

> Menu ⚙ Picture Contrast Select ⚙ Control with ⚙⚙ Menu ⚙
>
> Yon can control the contrast of the images or letter on the screen.

Brightness

To control brightness of the screen

> Menu ⚙ Picture Brightness Select ⚙ Control with ⚙⚙ Menu
> ⚙
>
> Yon can control the brightness of the screen.

Adjust

Vertical Position

Menu ⚙   Adjust   V Position   Select ⚙   Control with ⚙⚙   Menu ⚙
Yon can adjust the vertical position of the screen

Horizontal Position

Menu ⚙   Adjust   H Position   Select ⚙   Control with ⚙⚙   Menu ⚙
Yon can adjust the horizontal position of the screen

Clock Adjust

Menu ⚙   Adjust   Clock Adj.   Select ⚙   Control with ⚙⚙   Menu ⚙
Yon can adjust the clock

Phase Adjust

Menu ⚙   Adjust   Phase Adj.   Select ⚙   Control with ⚙⚙   Menu ⚙
Yon can adjust the phase.

Auto Adjust

Menu ⚙   Adjust   Phase Adj.   Select ⚙   Control with ⚙⚙   Menu ⚙
Yon can adjust position of the screen automatically

Reset

Menu ⚙   Adjust   Reset   Select ⚙   Control with ⚙⚙   Menu ⚙
Yon can reset the screen.

Power saving Mode

If your computer system features a display power management function, the Monitor enters into the power saving modes as follows.

When it is used with a computer system equipped with DPMS(VESA) this Monitor provides an EnergyStar compliant function. If your computer does not feature display power management, please source an optional DPMS software program.

Power saving modes greatly reduce power consumption when the computer is temporarily not in use. Simply press any key or mouse button to return the Monitor display to normal operation.

	Normal Operation	Power Saving function EPA		
		Stand-by	suspend	Power Off
H-Sync	Active	Inactive	Active	Inactive
V-Sync	Active	Active	Inactive	Inactive
Video	Active	Blanked	Blanked	Blanked
LED Color	Green	Orange/Green Blinking(1sec)	Orange/Green Blinking(0.5sec)	Orange
Power Consumption	35 Watts Less Than	8 Watts Less Than	8 Watts Less Than	5 Watts Less Than

STANDARD SIGNAL TIMING CHART

If the signals conveyed from the computer match the following standard signals, the screen automatically controls the signals.

Conversely, if the signals do not match, the screen will not appear or only the power light would activate. Therefore it is important that you first set as the following, with reference to the Video Card Guide.

	Resolution	Frequency			Polarity	
		Horizontal(Khz)	Vertical(Hz)	Clock Frequency(MHz)	H	V
1	640x350	31.5	70.0	25..175	+	-
2	640x400	31.3	70.0	25..056	-	+
3	600x400	37.9	85.1	31..500	-	+
4	720x400	31.5	70.1	28..322	-	+
5	720x400	37.9	85.0	35..500	-	+
6	640x480	31.5	59.9	25..175	-	-
7	640x480	37.5	75.0	31..500	-	-
8	640x480	37.9	72.8	31..500	-	-
9	800x600	35.2	56.3	36..000	+	+
10	800x600	37.9	60.3	40..000	+	+
11	800x600	46.9	75.0	49..500	+	+
12	800x600	48.1	72.2	50..000	+	+
13	800x600	53.7	85.1	56..250	+	+
14	832x624	49.7	74.5	57..283	-	-
15	1024x768	48.4	60.0	65..000	-	-
16	1024x768	56.5	70.1	75..000	-	-
17	1024x768	60.0	75.0	78..750	+	+
18	1152x864	54.5	60.0	90..000	-	-
19	1152x864	63.8	70.0	96..600	-	-
20	1152x864	65.8	72.0	96..600	-	-
21	1152x864	68.5	75.0	98..000	-	-
22	1280x1024	64.9	60.0	108..000	+	+

PRECATIONS

The below precautions should be carefully followed for the effective function of the product and safety of users.
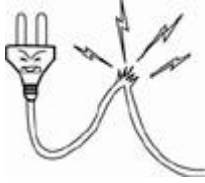
Do not use damaged plugs
or worn out outlets.
(Danger of electrocution)

Do not expose the product
to severe impacts.
(This could occur damage)

Do not try to disassemble,
repair, renovate the product
without expert assistance.
(Contact the service for parts
needing repair)

In weather conditions of thunder
and/or lightening, or when you will
not be using the product for a long
period of time, leave the plug out of
the outlet.
(Danger of electrocution)

Do not try to bend the cord or
put it under heavy objects.
(Danger of electrocution, fire)

Do not leave the product in damp or
wet places as there is danger when
the product is exposed to water or
metal. (Danger of electrocution)

Other Precautions

In cleaning the product take out the plug from the outlet, wipe with a soft and clean cloth then with water. Never use benzene, alcohol or other cleaners. (Contact the service center or a store near you for static controllers and cleaners. The LCD polarizing plate may peel off or the product may decolorize, dissolve, or crack.

TROUBLE SHOOTING

When failure or problems occur, refer to the following. For further assistance, contact our customer support centers.

The power dose not Trun on	Check whether the plug is in place and try to reconnect it. (refer to pg5,pg6)
"Check signal cable" sign appears	Check if the signal cable is properly connected to the computer or video card and try to reconnect it (refer to pg4)
"Out of range" appears on the screen.	Set the resolution and frequency compatible to the monitor.(refer to pg18)
The screen looks like it is melting	Check the connection of the monitor and the signal cable of the computer.
The screen trembles	Check if the resolution and frequency of the computer or the video card is set to accommodate the monitor and then reset the screen according to the present mode of the monitor menu and the standard signal timing chart.
A shadow appears on the screen	
The screen is too bright	Try to control the brightness or contrast of the screen.(refer to pg 14)
The color of the screen appears as if there is a shadow.	Go to the OSD color control menu, the user mode and control the door.(refer to pg10)
White does not to look like white	
The screen is not in place	Recontrol image setting
There is no sound	Check the connecting cable. (refer to pg4, pg8)
The volume is too low	Control with the up and down buttons (refer to pg8)
The sound is dull	Control with the up and down buttons (refer to pg8)
The power light is orange or flickers	Check if the computer is on safe mode. Press on the PC keyboard or move the mouse. The screen will appear.
The screen is blurry	Control the screen's frequency and clarity. (refer to pg 7)