

Installation and Operating Instructions

Before operating the monitor please read this manual thoroughly. This manual should be retained for future reference.

FCC Class B Radio Frequency Interference Statement

WARNING: (FOR FCC CERTIFIED MODELS)

NOTE: 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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

NOTICE

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

WARNING:

To prevent fire or shock hazard, do not expose the monitor to rain or moisture. Dangerously high voltages are present inside the monitor. Do not open the cabinet. Refer servicing to qualified personnel only.

SPECIAL NOTES ON LCD MONITORS

The following symptoms are normal with LCD monitor and do not indicate a problem.

NOTES

- Due to the nature of the fluorescent light, the screen may flicker during initial use. Turn off the Power and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- The LCD screen has effective pixels of 99.99% or more. It may include blemishes of 0.01% or less such as a missing pixel or a pixel lit all of the time.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the Power for hours.
- The life of the fluorescent light used in the LCD monitor is approximately 20,000 hours. Contact your dealer or service center for replacement when the screen is dark, flickering or not lighting up. Never attempt to replace it by yourself.

BEFORE YOU OPERATE THE MONITOR

FEATURES

- 43.2cm(17") TFT Color LCD Monitor
- Crisp, Clear Display for Windows
- Supports Resolutions up to 1280 X 1024@75Hz
- Screen Saver
- Ergonomic Design (TCO'95 Approved)
- Space Saving, Compact Case Design

CHECKING THE CONTENTS OF THE PACKAGE

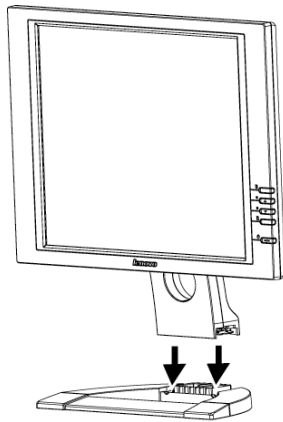
The product package should include the following items:

1. LCD Monitor
2. Owner's Manual
3. DC-12V Power Cord
4. Base

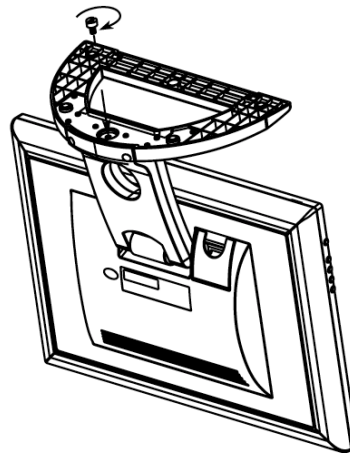
INSTALLATION INSTRUCTIONS

Install

1

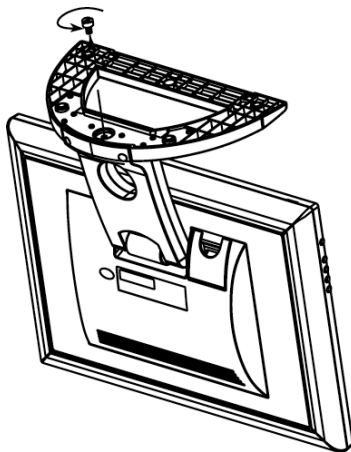


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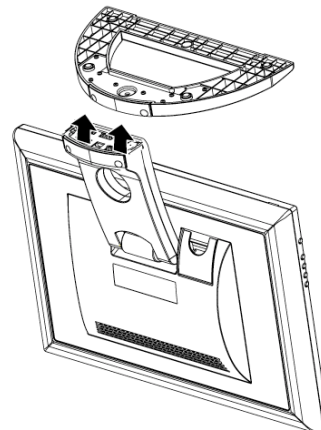


Remove

1



2



Power Cord

1. Make sure the power cord is the correct type that required in your area.
2. This monitor has a universal power supply that allows operation in either 100/120V AC or 220/240V AC voltage area (No user adjustment is required.)

Power Source:

This LCD monitor has been applied DC+12V. It connects with PC and monitor.

CONTROLS AND CONNECTORS

VIDEO CABLE

Connecting the Video Cable: the LCD monitor comes with a fly-in video cable. Plug the signal cable's 15-pin connector into the computer's video port and tighten the two screws on the cable connector.

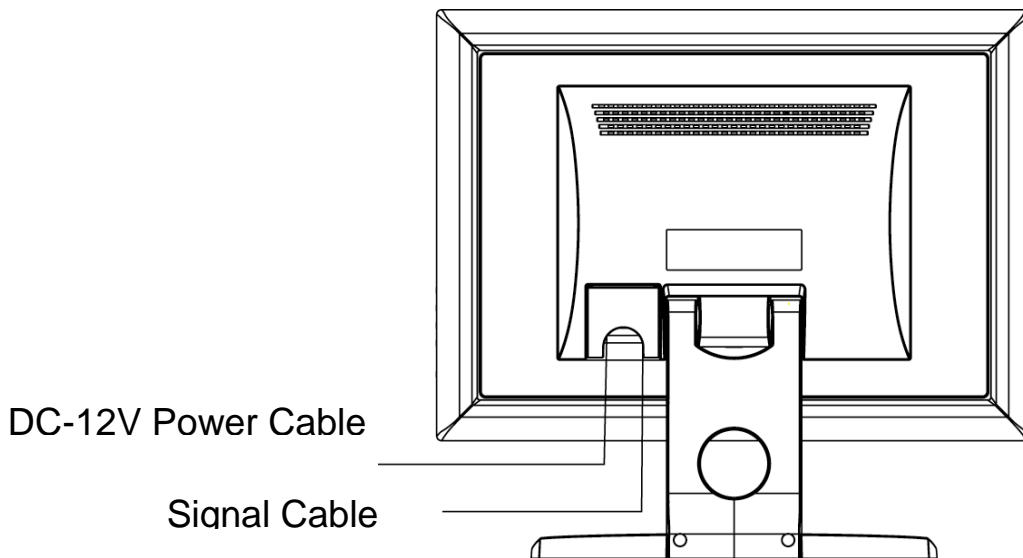


Figure 1 Connecting Cables

ADJUSTING THE VIEWING ANGLE

- For optimal viewing it is recommended to look at the full face of the monitor, then adjust the monitor's angle to your own preference.
- Hold the stand so you do not topple the monitor when you change the monitor's angle.
- You are able to adjust the monitor's angle from -5° to 25° .

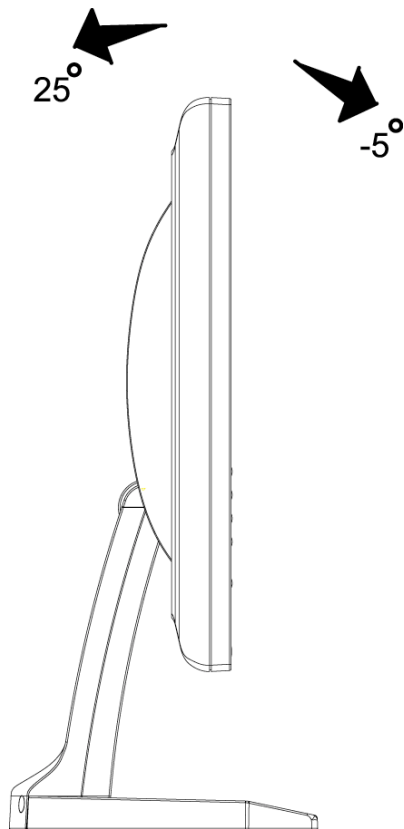


Figure 2

NOTES

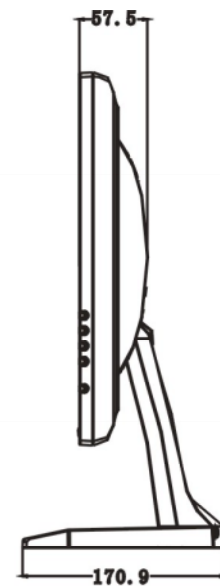
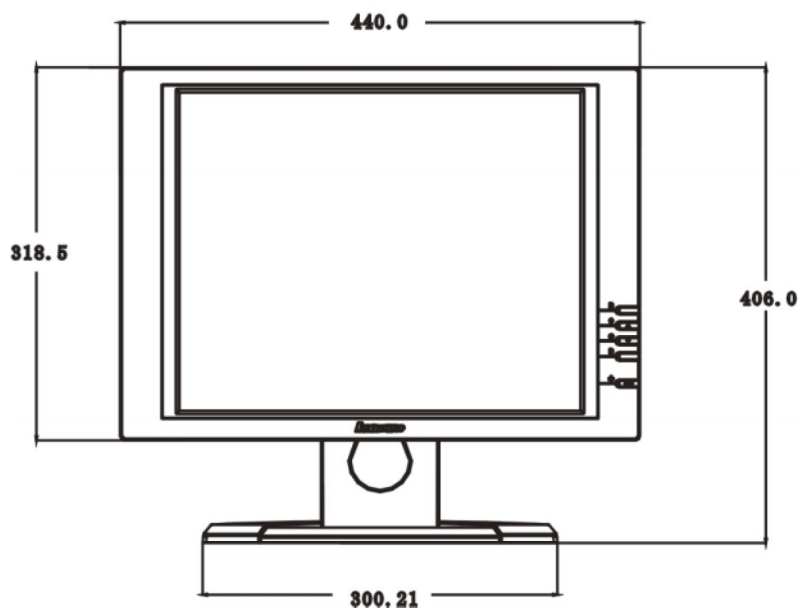
- Do not touch the LCD screen when you change the angle. It may cause damage or break the LCD screen.
- Careful attention is required not to catch your fingers or hands when you change the angle.

APPENDIX

SPECIFICATIONS

LCD Panel	Driving system	TFT Color LCD
	Size	43.2 cm(17")
	Pixel pitch	0.264 mm(H)x 0.264mm(V)
	Viewable angle	140° (H) 140° (V)
	Response time	16 ms
Input	Video	R,G,B Analog Interface
	Separate Sync.	H/V TTL
	H-Frequency	30kHz - 80kHz
	V-Frequency	50Hz-75Hz
Display Colors		16.7M Colors
Dot Clock		135MHz
Max. Resolution		1280 x 1024
Plug & Play		VESA DDC2B TM
Input Connector		D-Sub 15pin
Input Video Signal		Analog:0.7Vp-p(standard), 75 OHM, Positive
Maximum Screen Size		Horizontal : 337.9mm Vertical : 270.3mm
Power Source		DC+12V , 4A
Environmental Considerations		Operating Temp: 32°F to 97.6°F (0°C to 40°C) Storage Temp. -46.7°F to 140°F (-20°C to 60°C) Operating Humidity : 10% to 85%
Weight (N. W.)		3.8Kg

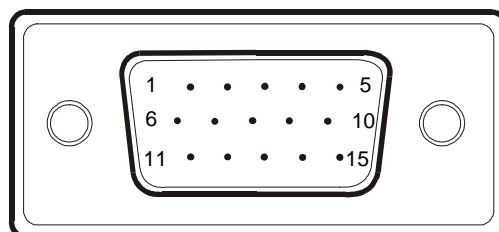
External Controls:	Switch	<ul style="list-style-type: none"> • Auto Adjust Key • ▽/ Brightness • △/ Contrast • Power /Power indicator • MENU
	Functions	<ul style="list-style-type: none"> • Language • Adjust Position • Bright & Contrast • Video Noise • Adjust Color • OSD Settings • OSD Timer • Exit Main Controls • Reset to factory settings
Power Consumption (Max)		≤ 42W
Regulatory Compliance		FCC,TCO'95, CCC



FACTORY PRESET TIMING TABLE

STANDARD	RESOLUTION	HORIZONTAL FREQUENCY	VERTICAL FREQUENCY
VGA	640 × 350	31.469kHz	70.087Hz
TV signal	640 × 480	31.25kHz	50.0Hz
VGA	640 × 480	31.469kHz	59.94Hz
VESA	640 × 480	37.861kHz	72.809Hz
VESA	640 × 480	37.5kHz	75.0Hz
VGA	720 × 400	31.469kHz	70.087Hz
SVGA	800 × 600	35.156kHz	56.25Hz
VESA	800 × 600	37.879kHz	60.317Hz
VESA	800 × 600	48.077kHz	72.188Hz
VESA	800 × 600	46.875kHz	75.0Hz
XGA	1024 × 768	48.363kHz	60.004Hz
VESA	1024 × 768	56.476kHz	70.069Hz
VESA	1024 × 768	60.023kHz	75.029Hz
XGA	1280 × 1024	63.981kHz	60.020Hz
VESA	1280 × 1024	79.976kHz	75.025Hz

CONNECTOR PIN ASSIGNMENT



15 - Pin Color Display Signal Cable

PIN NO.	DESCRIPTION	PI N NO.	DESCRIPTION
1.	Red	9.	Empty
2.	Green	10.	Ground
3.	Blue	11.	Ground
4.	Ground	12.	SDA
5.	Ground	13.	H-Sync
6.	R-Ground	14.	V-Sync
7.	G-Ground	15.	SCL
8.	B-Ground		