

User Manual / Installation Guide

Model No. LCD8NBK

Warning! It will cause malfunction if the monitor is operating with unspecified power supply adaptor or incorrect power voltage. Do not expose this unit in the rain or moisture environment to reduce the risk of fire or electric shock.

PRECAUTIONS

- Do not use the monitor near water.
- Do not place the monitor on an unstable cart, stand, or table. If the monitor falls, it can injure a person and cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the monitor. If you mount the monitor on a wall or shelf, use a mounting kit approved by the manufacturer and follow the kit instructions.
- The monitor should be operated with type of power adaptor indicated on the label.
Normally it is packed with monitor, or using an adaptor approved by the manufacturer.
- Unplug the unit during a lightning storm or when it will not be used for long periods of time. This will protect the monitor from being damaged due to power surges.
- Never spill liquids on the monitor.
- Do not attempt to service the monitor yourself; opening or removing covers can damage to the monitor or panel. Please refer all servicing to qualified service personnel.
- For Wall mount adaptor, wall socket shall be installed near the equipment and shall be easily accessible.

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I. Introduction

LCD8NBK is color TFT LCD monitor, with compact and ecological design. Typical power consumption is only 6W with LED backlight.

➤ **Features**

- 8 inch diagonal screen with native display resolution 800 * 600.
- Full flat front panel with high quality protective glass.
- Fully Glossy surface throughout monitor's appearance.
- No ventilation hole design.
- Cable management down routing through the mounting stand
- Light weight, only 1000 g physically.

➤ **Unpack the monitor**

- Put the monitor on a clean surface; make sure the box in upright position.
- Remove packing materials from inside of box.

➤ **Check accessory**

Please make sure the entire accessory is included:



VGA Cable



Power adaptor



User Guide & Driver CD

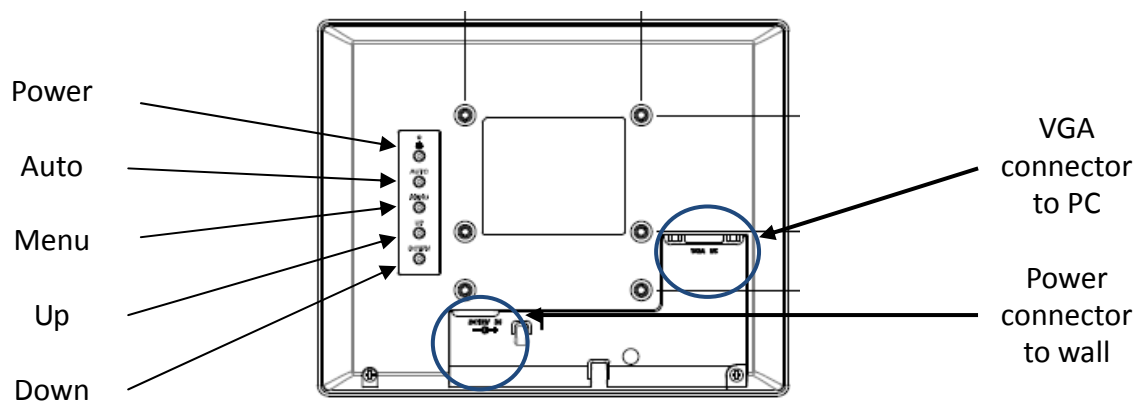
➤ Installation

● Structure of OSD settings

Main Menu	Level 1	Level 2	Level 3	Operating Procedure
	Auto Adjust			Press “UP” or “DOWN” to adjust H-phase & H-position & V-position clock automatically.
	Luminance	Brightness		Press “UP” key to increase brightness, “DOWN” key to decrease brightness.
		Contrast		Press “UP” key to increase contrast, “DOWN” key to decrease contrast.
		Black levels		Press “UP” key to increase background brightness, “DOWN” key to decrease background brightness.
		Sharpness		Press “UP” key to increase image sharpness, “DOWN” key to decrease image sharpness.
		Exit		Exit to previous Menu
	Management	H. Position		Press “UP” key to shift screen left, “DOWN” key to shift screen right.
		V. Position		Press “UP” key to shift picture upward, “DOWN” key to shift picture downward.
		Pixel Clock		To reduce any vertical bars or strips visible on the screen background. Adjusting the Clock will also change the horizontal screen image width
		Phase		To remove any horizontal noise and clear or sharpen the image of characters.
		Exit		Exit to previous Menu
	Color	9300K 6500K sRGB		Press “UP” or “DOWN” to choose three types of color temperature 9300°k, 6500°k, sRGB and user define.
		User Preset	Red Green Blue Exit	
		Exit		
		Exit		Exit to previous Menu
	OSD	H. Position		Adjust OSD Menu horizontal position, press “UP” key to shift Menu right, “DOWN” key to shift Menu left
		V. Position		Adjust OSD Menu vertical position, press “UP” key to shift Menu upward, “DOWN” key to shift Menu downward
		OSD Timeout		Sets the time duration in seconds that the OSD is visible after the last button is pressed.
		Exit		Exit to previous Menu

	Language	English Francais Deutsch Italiano		Press "UP" or "DOWN" to select one of the following languages: English, French, Germany, Italian, Spanish, Japanese, Traditional Chinese and Simplified Chinese
		Espanol 日本語 繁體中文 简体中文		
	Recall	Recall Color Recall All Exit		Reset to the default value. Exit to previous Menu
		Display Information Exit		Press "Menu" key to reveal Display information Exit to previous Menu
	Exit			To turn off OSD Menu

● Control Buttons/Connectors



Power	Use the power switch to turn the power ON or OFF. We recommend turning your system power on first, then the LCD monitor.
Auto Adjust	a. Pressing to execute AUTO-Adjusting function. This function will optimize the display image b. Sometimes this function can't achieve the optimal effects. Please follow the manual adjusting procedure. c. After OSD menu is activated, press this key can turn off the OSD menu.
Menu	a. Press Menu key to activate OSD Menu b. This key also means "OK"; Press "Up, Down" key to move the indicator to the desired item, then press Menu key to select and read to adjust. After adjustment, press this key to return to previous Menu.

Up	a. When OSD mode is activated (When “MENU” key is pressed). These two keys are used to select the adjustment items.
Down	b. When adjustment item is selected, these two keys are defined to decrease or increase the value of each selected item.

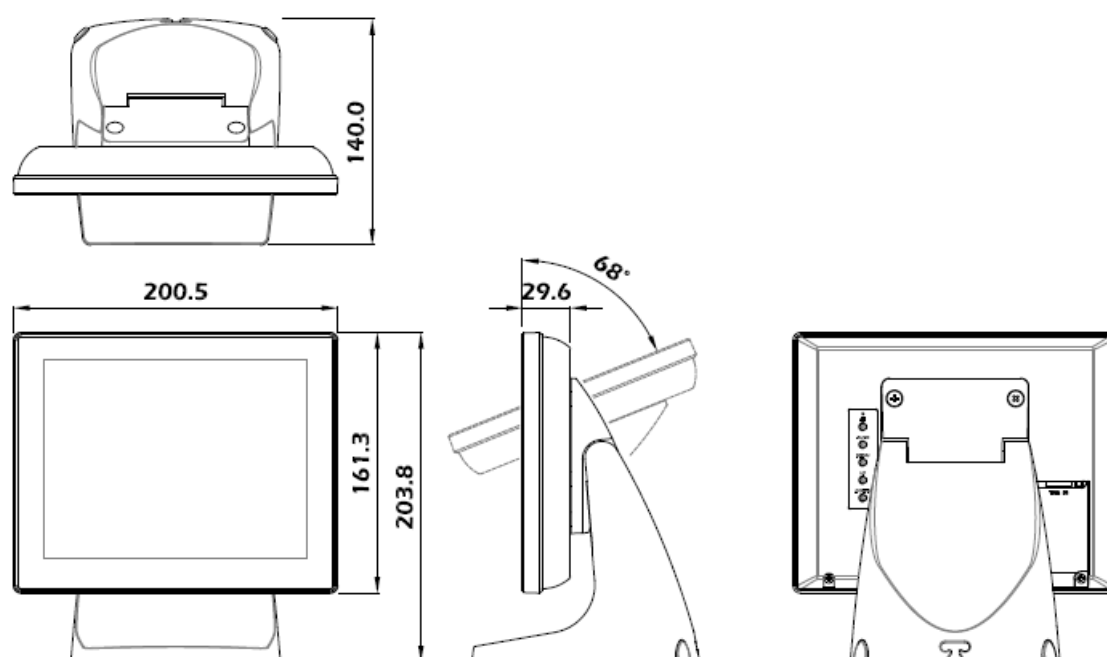
III. For your safety

1. When move the monitor, always switch off power and disconnect all cables to avoid any danger.
2. Please use the power and signal cables correctly when install it.
3. In case of notice any abnormal smell or noise, please stop operation and call the nearest dealer or service center.

IV. Support timing chart:

Timing Mode	Reference Standard	Resolution	Pixel MHz	FH KHz	FV Hz	Interlace	H Polarity	V Polarity
Mode 1	VESA	800×600	36.000	35.156	56.250	NO	+	+
Mode 2	VESA	800×600	40.000	37.879	60.317	NO	+	+
Mode 3	VESA	800×600	50.000	48.077	72.188	NO	+	+
Mode 4	VGA	640 x 480	25.17	31.47	59.94	NO	—	—
Mode 5	VGA	720 x 400	28.32	31.47	70.08	NO	—	+

V. Mechanical dimension



VI. FCC Warning Statement:

FCC Class A Warning



Warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CISPR 22 Class A Warning



Warning

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

VII. Product General Specification

Model	LCD8NBK
LCD Panel	
Display size	8"
Display Area	162mm x 121.5mm
Optimal Resolution	800 * 600
Brightness	250 cd/m ² (typ)
Contrast Ratio	500:1(typ)
Response Time	25 ms (typ)
Viewing Angle	V: 60 /65 , H: 70 /70
Input Video signal connector	D-Sub 15 pins
Power consumption	6W
Input Frequency	H: 30 - 60 kHz ; V: 55-76Hz
Power supply	Wall mount type power adaptor Input: 100~240AC 0.5A, Output: 12Vdc 1.5A
Temperature	Operating : 0℃~40℃ ; Storage : -10℃~50℃
Weight	1000g (net)
Physical Dimension	203.8 (H) *200.5 (W) *140(D) mm
Approvals	CE, FCC
MTBF (LED backlight)	20,000 hrs
Wall Mount type	VESA 75 * 75 mm
Optional item	
Color	White

*Product specification to be changed without prior notice

*Made In Taiwan