

OSD Operation 15" & 17" LCD Models



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1. OSD Key Description

1.1 Operating Conditions

The on-screen display (OSD) can be used for startup screens, menus, and scribble function.

The OSD is applied to the image after it has been scaled.

The OSD has four-bits-per-pixel which provides 16 colors from a 64K color palette and can be up to 120,000 pixels which is approximately 480*248.

1.2 OSD Tree

MAIN MENU	Sub MENU	2 nd Sub MENU	REMARKS
ADJUSTMENT	BRIGHTNESS		
	CONTRAST		
	CLOCK		
	PHASE		
	AUTO ADJUST		
COLOR TEMP	6500K		
	9300K		
	USER	RED	
		GREEN	
BLUE			
SETUP	IMAGE	H POSITION	
		V POSITION	
		GAMMA	BYPASS/LINEAR/CRT
	OSD	LANGUAGE	ENGLISH / DEUTSCH / FRANCAIS ESPANOL / ITALIANO / KOREAN JAPANESE / CHINESE
		COLOR	
		POSITION	
		DURATION	
		OSD LOCK	
	MODE RECALL		
	BACKLIGHT		
AUTO SLEEP			

- OSD call: MENU key

- Move between main menu items: Press MENU key
- Move from higher menu to sub menu: LEFT() or RIGHT() key
- Move between sub menu items: Press MENU key
- Move from sub menu to higher menu: EXIT key
- Change menu item value: LEFT() or RIGHT() key
- OSD Exit: EXIT key
- AUTO Adjust key : Press AUTO Key or EXIT key for 2 seconds

1.3 OSD Key Description

Auto Executing Auto Adjustment

Exit 1) OSD Exit

**2) Alternative Auto Adjustment (Pressing Exit for more than 2 seconds)
for 5key user**

Left () 1) Contrast Hot Key



2) Decrease Gauge,
3) Move from main menu to sub menu,

Right () 1) Brightness Hot Key



2) Increase Gauge,
3) move from main menu to sub menu,

Menu 1) OSD call



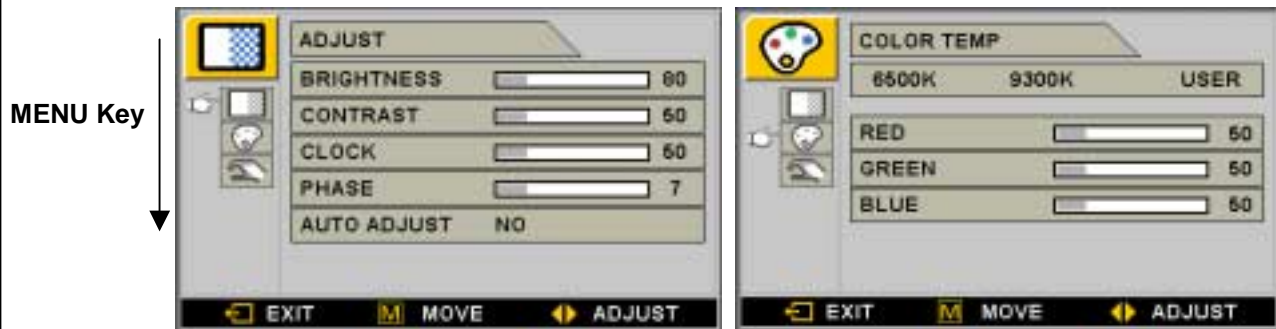
2) Move between main menu items,
3) Move between sub menu items

Power Soft Power On/Off

1.4 OSD detailed Operation Procedure



1.4.1 MOVE between MAIN MENU ITEMS

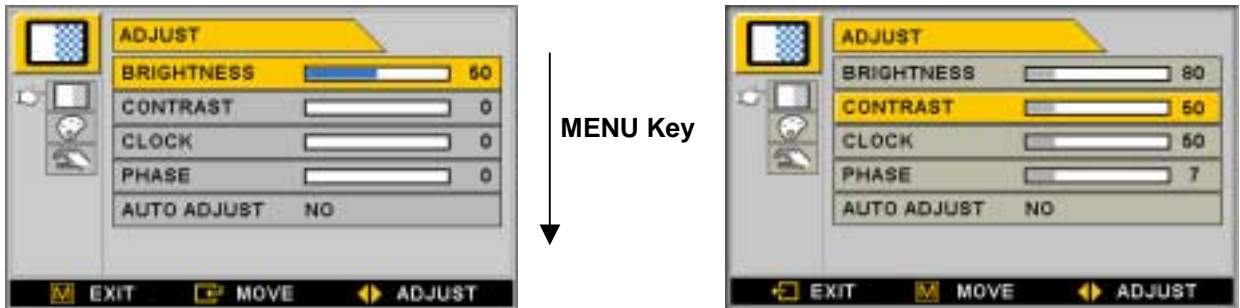


1.4.3 MOVE from MAIN MENU to SUB MENU

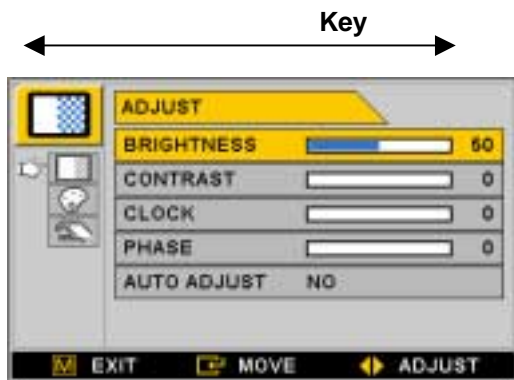
or Key



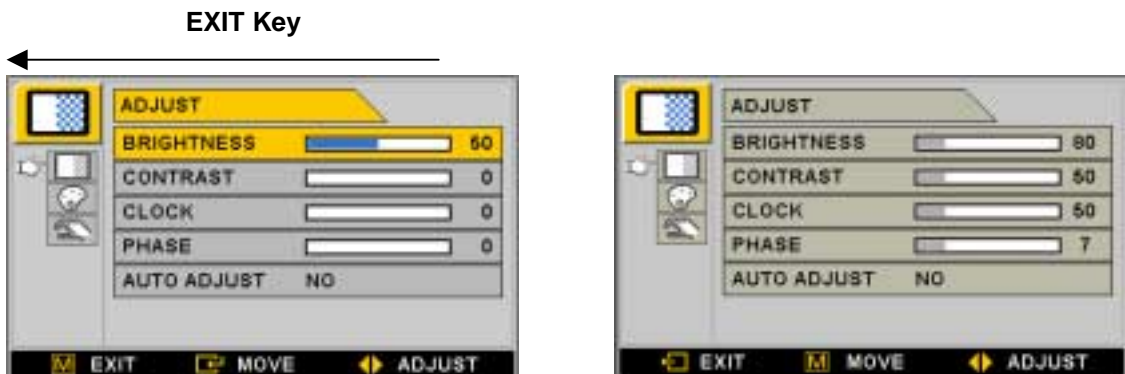
1.4.4 MOVE between SUB ITEMS



1.4.5 Changing the values



1.4.6 EXIT from MENU



2. Service OSD Description

2.1 Operating Conditions * **Without a proper calibration pattern, Do not try to do this process.**

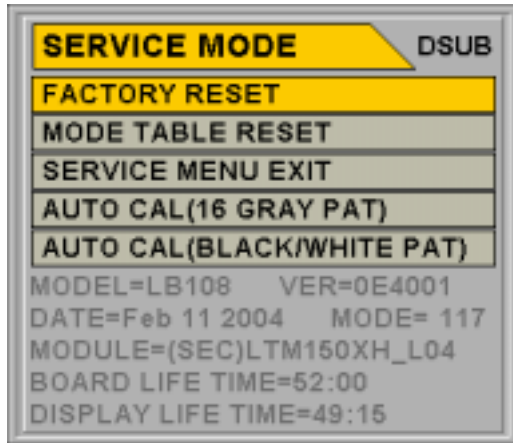
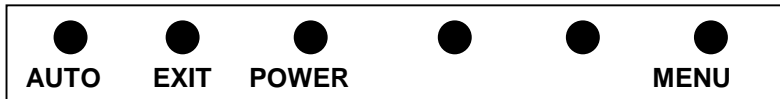
The service on-screen display (OSD) can be used to calibrate the white and black level of the monitor.

This process should be done in case the screen color looks strange due to the video level difference of each video cards.

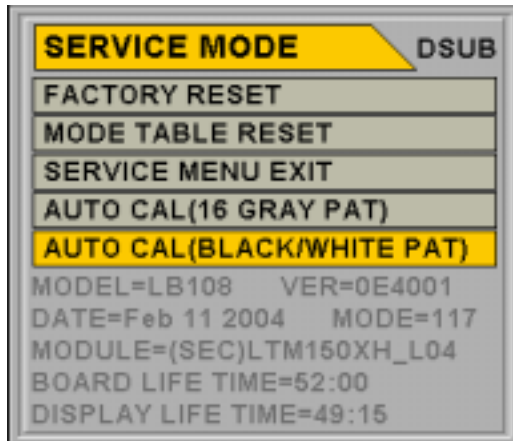
The calibration is done in manufacturing process. Normally this process is not required.

2.2 Calibration process

1. Press "EXIT key" + " key" + " key" simultaneously (more than 2 seconds)



2. Move to AUTO CAL item using MENU key



3. Press or key to execute black level calibration

**INPUT BLACK PATTERN
PRESS <MENU> WHEN READY**

4. Apply black pattern to the monitor (No white character at all) and press MENU key to execute black level calibration

ADC AUTO CALIBRATION

5. Apply white pattern to the monitor (No black character at all) and press MENU key to execute black level calibration

**INPUT WHITE PATTERN
PRESS <MENU> WHEN READY**

ADC AUTO CALIBRATION

6. According to the calibration result, the following message will be displayed

ADC AUTO CALIBRATION GOOD

ADC AUTO CALIBRATION BAD

2.3 OSD Lock Mode

This function enables user to lock or unlock the OSD keys for some applications.

**Press “EXIT key” + “MENU” simultaneously (more than 2 seconds)
Lock and Unlock action will be toggled by these key combinations**

