

Customer Instruction Book

# **PSI6181M**

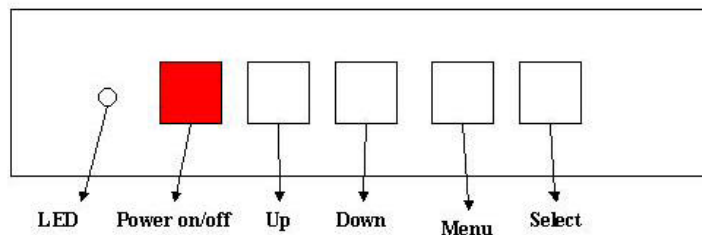
**18.1" TFT LCD MONITOR**



## 1. Precautions

- I. Do not apply Pressure to the screen
- II. Do not touch the screen with your fingers.
- III. To avoid exposing, do not put your monitor face sunlight or other heat source.
- IV. Please put Monitor to a well ventilate area in order to allow adequate dissipation of heat. Do not place anything on the top of the Monitor.
- V. Ensure the area around Monitor is clean and moisture-free.
- VI. Do not remove the rear cover, because monitor inside contains high-voltage parts. You may suffer a electric shock if you touch these part
- VII. Always handle Monitor with care when you move it.

## 2. Front Control Button



Power	Power on / off for Monitor
Select	Switch to VGA, Video 1, Video 2, Video 3
Up	Enter or Increase
Down	Enter or Decrease
Menu	OSD on or Enter
LED	Show power status Green Light : Power on with signal input. Orange Light glistening : Stand by.

## Description

### I. Menu

Press the Menu key to activate the on screen display screen and press more to select the wanted adjustment items.

### II. DOWN & UP : decrement & /Brightness key

The two keys have two sets of functions:

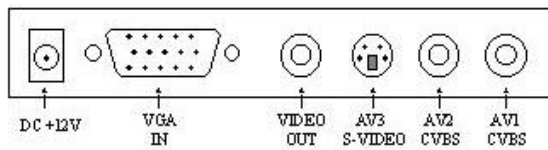
When OSD screen is not activated, the two keys are used to adjust the brightness.

When OSD screen is activated ( When "Menu" key is pressed),the two keys are defined to decrease or increase the values of each selected item.

### III. Power switch

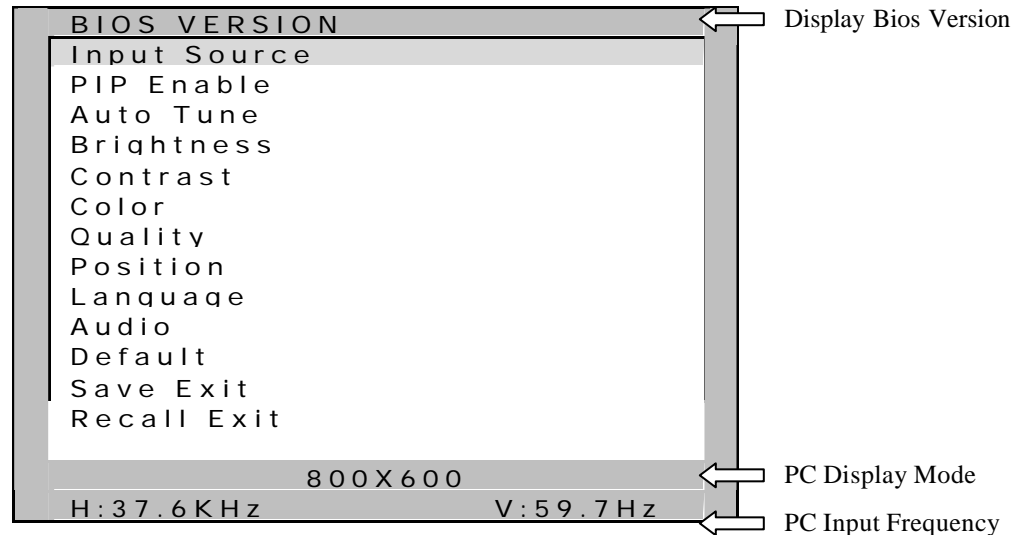
Use the power switch to turn ON or OFF power. We recommend turning your system power on first, then the LCD monitor.

### 3. Rear Input and Output port



### 4. OSD Adjustment for PC function.

Press “MENU” Button, display will show following picture.



Continue to press “UP” & “DOWN“ buttons and select above functions. Then, use “Menu” button to enter these functions and adjust them to your personal preference.

**INPUT SOURCE** : See 4.1

**PIP ENABLE** : Set position; see 4.2

**AUTO TUNE** : See 4.3

**BRIGHTNESS** : See 4.4

**CONTRAST** : See 4.5

**COLOR** : See 4.6

**QUALITY** : See 4.7

**POSITION** : See 4.8

**LANGUAGE** : See 4.9

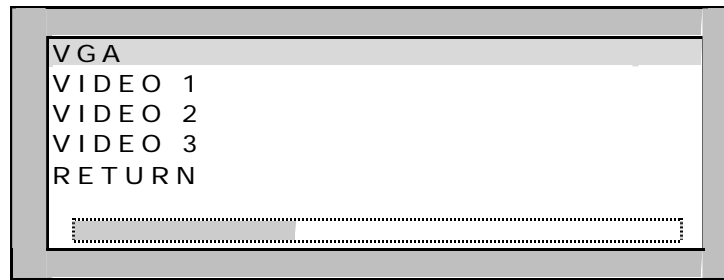
**AUDIO** : See 4.10

**DEFAULT** : Set default value. See 4.11

**SAVE EXIT** : Save all of adjustment & exit to OSD function.

**RECALL EXIT** : Adjust to last setting & exit.

## 4.1 INPUT SOURCE



**VGA :** Set PC Input ( Press “MENU” to enter)

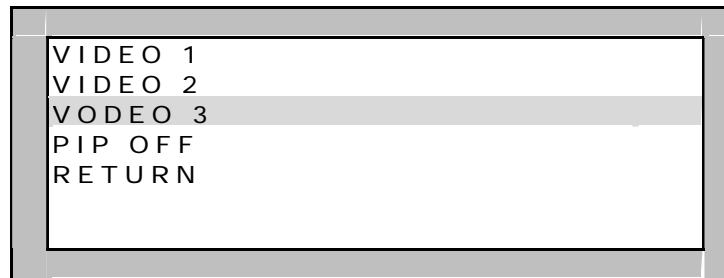
**VIDEO 1:** Set VIDEO 1 Input ( Press “MENU” to enter)

**VIDEO 2:** Set VIDEO 2 Input ( Press “MENU” to enter.)

**VIDEO 3:** Set VIDEO 3 Input ( Press “MENU” to enter)

**RETURN:** Back to new adjustment.

## 4.2 PIP CHANNEL SELECT( Under PC Mode )



**VIDEO 1:** Set VIDEO 1 Input ( Press “MENU” to enter)

**VIDEO 2:** Set VIDEO 2 Input ( Press “MENU” to enter.)

**VIDEO 3:** Set VIDEO 3 Input ( Press “MENU” to enter)

**PIP OFF :** exit PIP function.

**RETURN:** Back to new setting.

## 4.3 AUTOTUNE:

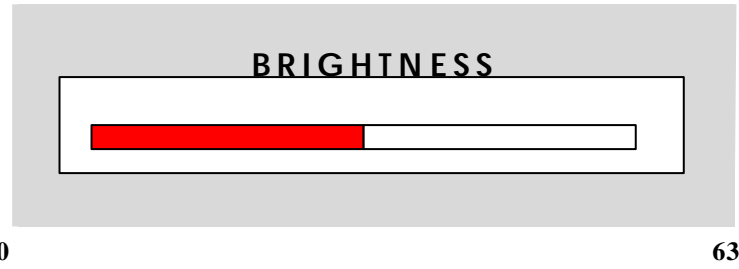


**AUTOTUNE :** Auto tracking , positioning, phase and size (press “MENU” to enter this adjustment.

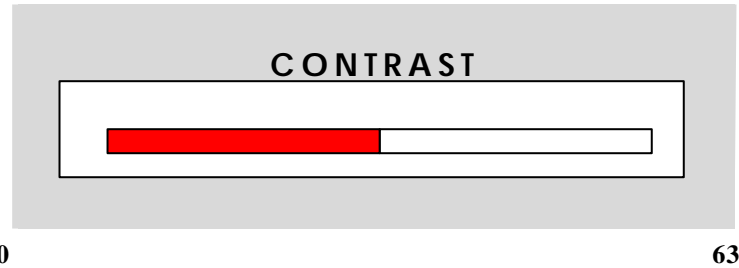
It takes 5 second to finish this adjustment.)

## 4.4 BRIHTNESS

**BRIGHTNESS:** Adjust LCD brightness level 0~63 of the image

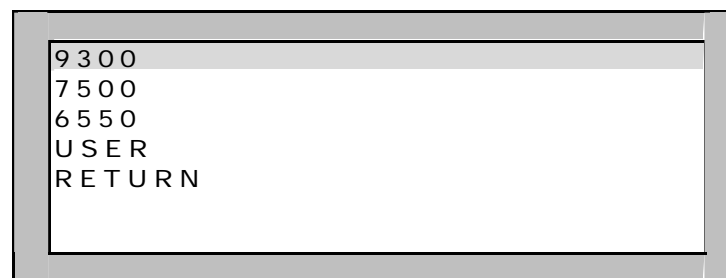


#### 4.5 CONTRAST



**CONTRAST:** Adjust white color level 0~63 of the image.

#### 4.6 COLOR



**9300K :** Set color to 9300K( Use "MENU" to enter)

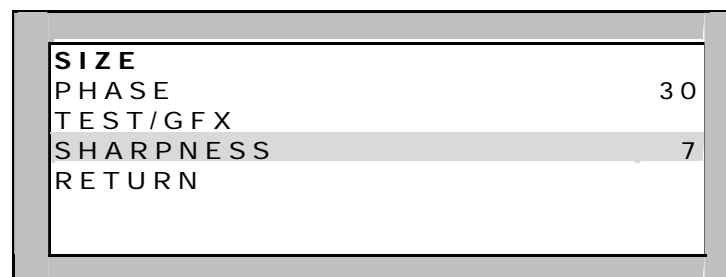
**7500K :** Set color to 7500K( Use "MENU" to enter)

**6550K :** Set color to 6550K( Use "MENU" to enter)

**USER :** Set color by user( Use "MENU" to enter);

**EXIT :** Back to new setting.

#### 4.7 QUALITY



**SIZE :** Adjust size of the image.

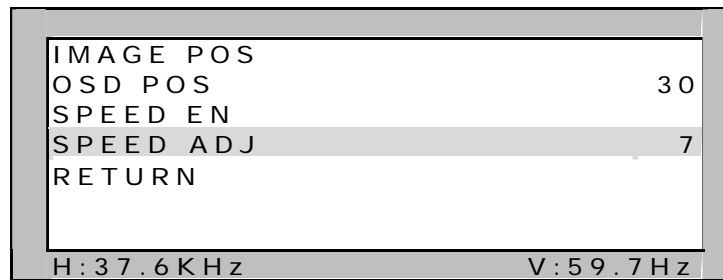
**PHASE :** Adjust phase level 0~63 of the image.

**TEXT/ GFX:** DOS MODE/ change Text 720x400 & Gfx 640x400.

**SHARPNESS :** Adjust Sharpness level 0~15 of the image.

**RETURN:** Back to new setting.

## 4.8 POSITION



**IMAGE POS** : Adjust UP/ DOWN/ HOR/VER position of the image.

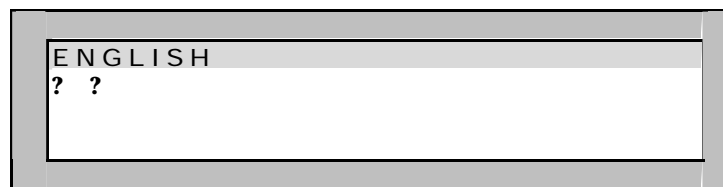
**OSD POS** : Adjust OSD UP/ DOWN/ HOR/VER position of the image.

**SPEED EN** : Select open or exit OSD speed.

**SPEED ADJ** : Adjust OSD speed.

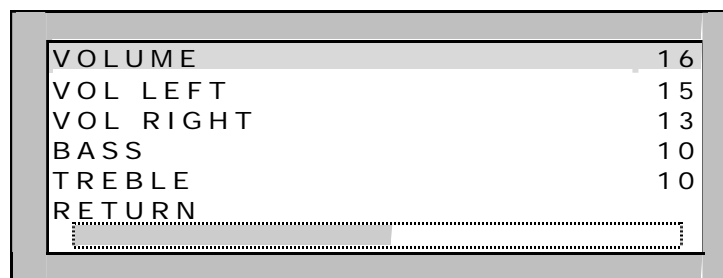
**RETURN** : Back to new setting.

## 4.9 LANGUAGE



**OSD LANGUAGE** selecting English & Chinese only!

## 4.10 AUDIO



**VOLUME**: Adjust volume ( Press “UP” to Increase and “DOWN” to decrease)

**VOL LEFT**: Adjust left volume ( Press “UP” to Increase and “DOWN” to decrease)

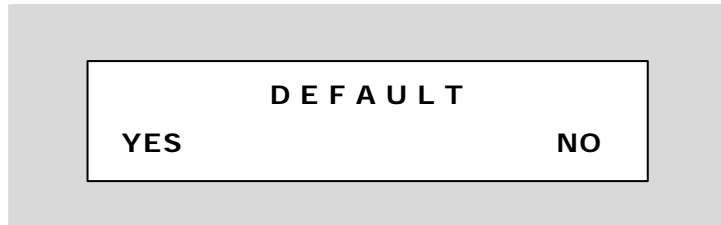
**VOL RIGHT**: Adjust right volume ( Press “UP” to Increase and “DOWN” to decrease)

**TREBLE**: Adjust treble ( Press “UP” to Increase and “DOWN” to decrease)

**BASS**: Adjust bass (Press “UP” to Increase and “DOWN” to decrease)

**EXIT** : Back to new setting.

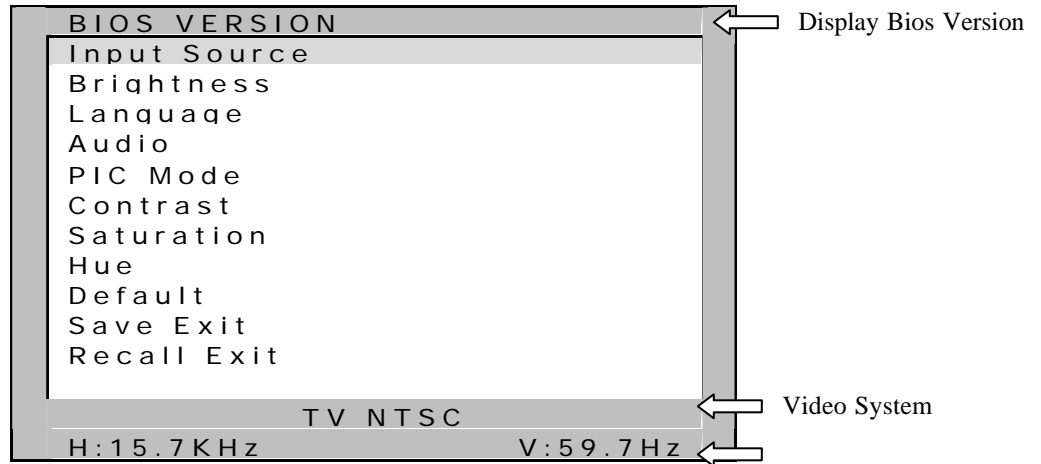
## 4.11 DEFAULT



Press “ Yes “ or “ No” in this mode, you will back to original setting.

## 5. OSD Adjustment for VIDEO function

Press “MENU” Button, display will show following picture.



**INPUT SOURCE** : See 6.1

**BRIGHTNESS** : See 6.2

**LANGUAGE** : See 6.3

**AUDIO** : See 6.4

**PIC MODE** : See 6.5

**CONTRAST** : See 6.6

**SATURATION** : See 6.7

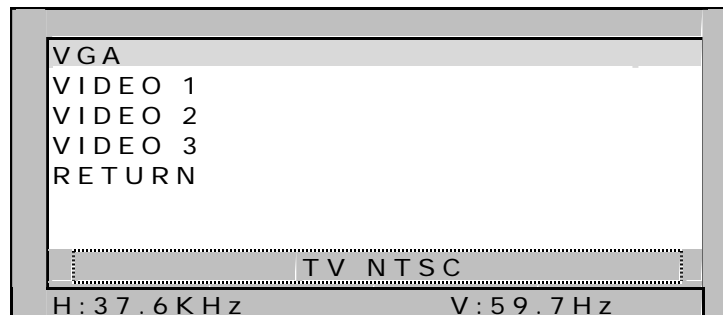
**HUE** : See 6.8

**DEFAULT** : Set default value.

**SAVE EXIT** : Save all of adjustment & exit to OSD function.

**RECALL EXIT** : Adjust to last setting & exit.

### 5.1 INPUT SOURCE



**VGA** : Set PC Input ( Press “MENU” to enter)

**VIDEO 1**: Set VIDEO 1 Input ( Press “MENU” to enter)

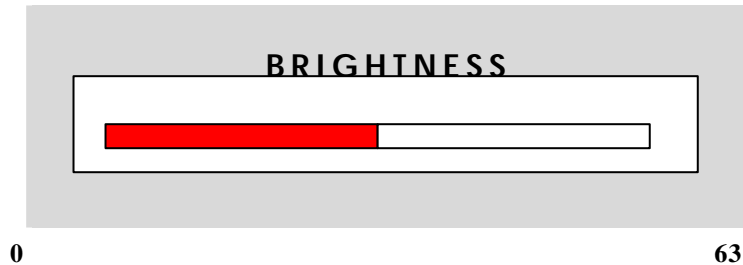
**VIDEO 2:** Set VIDEO 2 Input ( Press “MENU” to enter.)

**VIDEO 3:** Set VIDEO 3 Input ( Press “MENU” to enter)

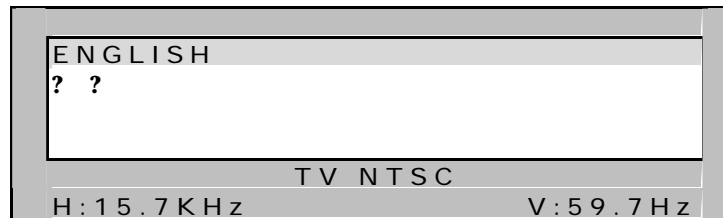
**RETURN:** Back to new setting.

## 5.2 BRIGHTNESS

**BRIGHTNESS:** Adjust LCD Backlight level 0~63 of the image

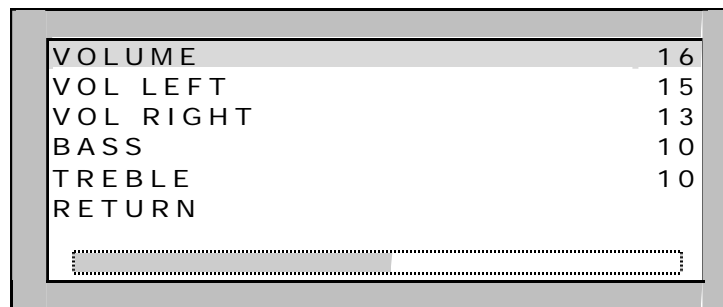


## 5.3 LANGUAGE



**OSD LANGUAGE** selecting English & Chinese only!

## 5.4 AUDIO



**VOLUME:** Adjust volume ( Press “UP” to Increase and “DOWN” to decrease)

**VOL LEFT:** Adjust left volume ( Press “UP” to Increase and “DOWN” to decrease)

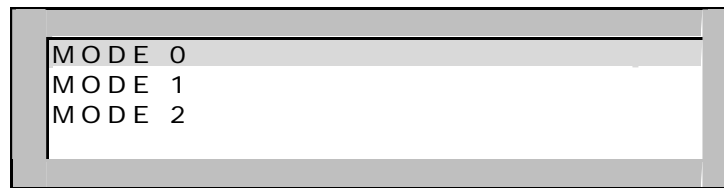
**VOL RIGHT:** Adjust right volume ( Press “UP” to Increase and “DOWN” to decrease)

**TREBLE:** Adjust treble ( Press “UP” to Increase and “DOWN” to decrease)

**BASS:** Adjust bass (Press “UP” to Increase and “DOWN” to decrease)

**EXIT :** Back to new setting.

## 5.5 PIC MODE

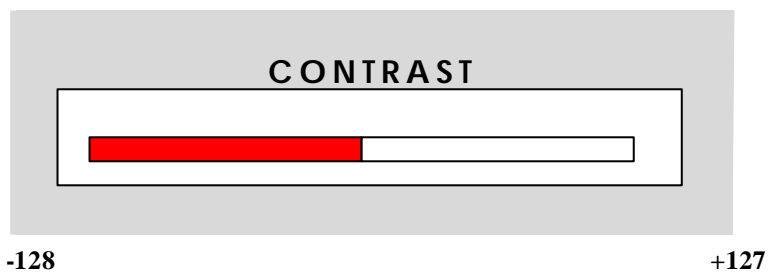


**MODE 0:** Adjust CONTRAST & Brightness.

**MODE 1:** Adjust CONTRAST & Brightness.

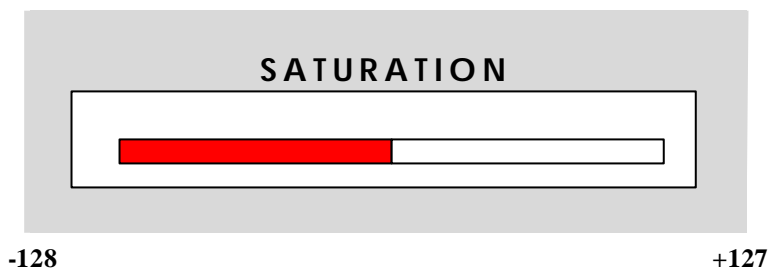
**MODE 2 :** Adjust CONTRAST & Brightness.

## 5.6 CONTRAST



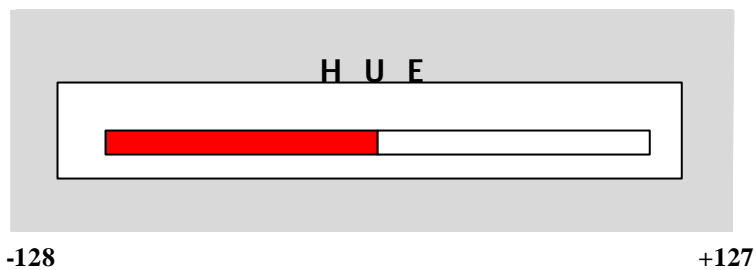
**CONTRAST:** Adjust white color level -128~+127 of the image.

## 5.7 SATURATION.



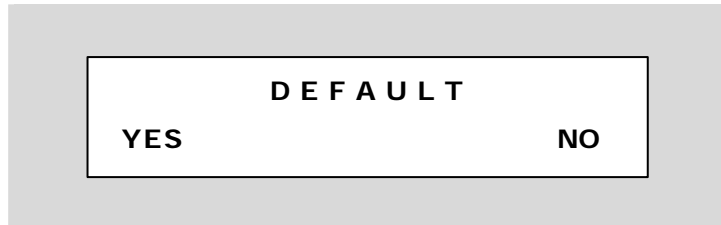
**SATURATION:** Adjust color Saturation level ~128~127.

## 5.8 HUE



**HUE:** Adjust color Hue level -128~127

## 5.9 DEFAULT

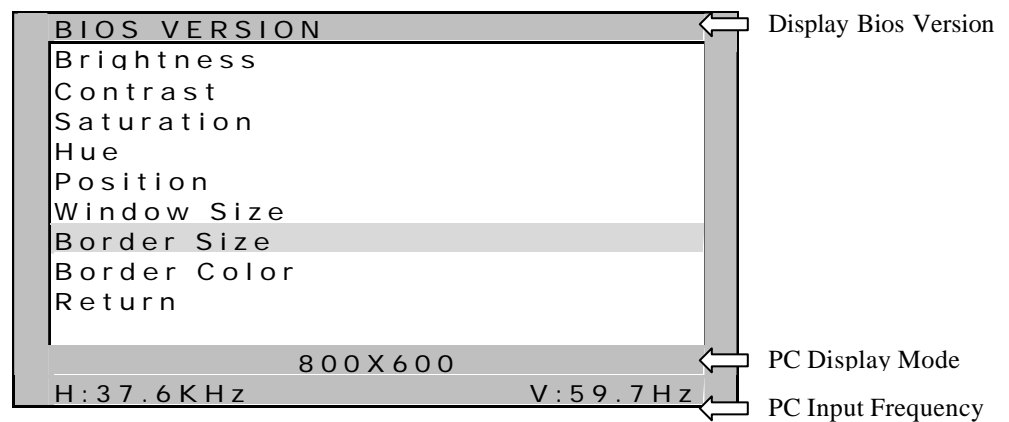


Press “ Yes “ or “ No” in this mode, you will back to original setting.

## 6. OSD Adjustment for PIP Function.

When LCD Display show main frame, the PC VGA input mode , please select “ **PIP enable** ” and choice one Video source Show on the P-I-P frame.

And you could easy adjust the PIP Video quality via choice the “ PIP Adjust “ item , the adjustment will show as following:

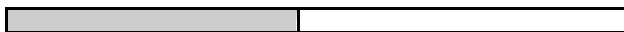


**BRIGHTNESS** 255



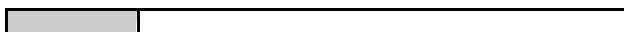
**BRIGHTNESS:** Adjust the brightness level of the image

**CONTRAST** 127



**CONTRAST:** Adjust white color level o f the image.

**SATURATION** 127



**SATURATION:** Adjust color saturation of the image.

**HUE** 127



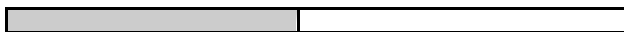
**HUE:** Adjust color hue of the image.

**Vertical 886** **POSITION** **Horizontal 1102**



**POSITION:** Adjust Horizontal & Vertical position of the image.

**Large** **WINDOW SIZE** **Small**



**WINDOW SIZE:** Adjust the window size of the image.

**BORDER SIZE** 8



**BORDER SIZE:** Adjust the border size of the image.

**BORDER COLOR** 255



**BORDER SIZE:** Adjust the border color of the image.

## 7. RGB Signal Support Mode

Resolution	Horiz Freq ( KHz)	Vert Freq (Hz)	Type
640x350 (70Hz)	31.469	70.087	IBM VGA
640x400 (56Hz)	24.83	56.432	PC98
640x400 (70Hz)	31.469	70.087	IBM VGA
640x480 (60Hz)	31.469	59.94	IBM VGA
640x480 (72Hz)	37.861	72.809	VESA
640x480 (75Hz)	37.5	75	VESA
720x350 (70Hz)	31.469	70.087	VGA
720x400 (70Hz)	31.469	70.087	VGA
720x400 (70Hz)	31.469	70.087	IBM VGA
800x600 (56Hz)	35.156	56.25	VESA
800x600 (60Hz)	37.879	60.317	VESA
800x600 (72Hz)	48.077	72.188	VESA
800x600 (75Hz)	46.875	75	VESA
1024x768 (60Hz)	48.363	60.004	VESA
1024x768 (70Hz)	56.476	70.069	VESA
1024x768 (75Hz)	60.023	75.029	VESA
1152x864 (75Hz)	67.5	75.0	VESA
1280x960 (60Hz)	60	60	VESA
1280x1024 (60Hz)	63.981	60.02	VESA
1280x1024 (75Hz)	79.976	75.025	VESA

## 8. Display Information

<b>8.1</b>	<b>Power Consumption</b>	
	8.1.1 Power Input	
	Input:	100-240V AC
	Frequency:	48-62Hz
	Consumption:	45 Watts maximum
	<b>Stand By Power:</b>	4 Watts
	8.1.2 Input Connector:	
	PC Input:	D-SUB 15 pin
	Video Input:	RCA Jack X 2
		S-Video X 1
	<b>Sound Input :</b>	Ear phone Input
	8.1.3 Sound	Stereo 3W X 2
	8.1.4 Video input :	NTSC , PAL , SECAM
	PC input signal:	Analog RGB 0.7 V p-p/750
		Sync Separate, TTL level
	8.1.5 Video output :	RCA Jack X 1
	Sound output:	Ear phone X 1
<b>8.2</b>	<b>Display Storage</b>	
	8.2.2 Operating Temp.	32° F to 104°F (-20°C to 40°C)
	8.2.3 Storage Temp.	-4°C to 104°F (-20°C to 40°C)
	8.2.4 Operating Humidity	10% to 85% without Condensation
	8.2.5 Storage Humidity	10% to 95% without Condensation
	8.2.6 EMI	FCC-B and CE Approval

## 9. Trouble Shooting

General Problem	Suggestion & Improvement
No Display	Check power supply to confirm that the AC/DC adapter is secure connect with the power switch and the Monitor.
Screen Display “No Signal Input”	Check D-sub connector to confirm that cable is tightly screwed to VGA board and Monitor side.
No Full-Screen Display	Please confirm your resolution is 1024X768 (XGA), adjust “Start/Set/Controller/ Display Monitor” to choose 1024X768 in MS-Windows system for full-screen. If the output resolution is lower than 1024X768, use OSD-Expansion Mode to tune for full-screen display.
No Video Display	Ensure that the video signal cable is correctly connected to Monitor and source.
	The system supports three input signals. Check the Monitor display in the right input signal.
	Check input sources are (e.g. VCR, remote controller, etc.) functions normally.
No Audio Output	Check the Audio signal is connected with “Audio in” switch correctly.
Right-Left-Audio-Output Error	Check if the audio signal cable is correctly connected to the Right-Audio-In and Left-Audio-In.
Display Ripple	Because of the different VGA sync, use OSD-Phase Mode, and adjust to the most appropriate display quality. AUTO ADJUST Press<Menu> to [AUTO ADJUST] Press<DOWN> to [AUTO TUNE],This will takes several minutes for auto adjust. If the display ripple still exist, go to MANUAL ADJUST. MANUAL ADJUST Press<Menu> to [POSITION] Press<DOWN> to <UP> in [PHASE], and adjust to the most appropriate display quality.

## 10. Accessories

Power Adaptor x 1 Adaptor Cable x 1	Output: DC 12V;4.0A Input: AC 100-240V 50~60HZ;90~15VA
Audio IN Cable (1/1) x 1 Audio IN Cable (2/1) x 1 USB Cable x 1 User Menu X 1 S Video Cable x 1 Video Cable x 1 VGA Cable x 1	

