

User Manual

15 inch Active-Matrix LCD Flat Panel Display
Color Monitor with OSD

Thank you for buying our product.
Please read thoroughly this user manual
before using. After reading, keep it securely.

M a t r i x L C D F l a t P a n e l D i s p l a y C o l o r M o n i t o r



User Manual

15.....

15 inch Active - Matrix LCD Flat Panel Display

Color Monitor with OSD

••FPD1510XXX

FoxVision_{FV5XX}

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

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, this notice is not a 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 one of more of the following measures: ••••••••••

- Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

Installation ...

- Open the box. • • • •
- Remove accessory box. • • • •
- Carefully pull out the unit from box. • • • • • • • • • •

Warning: Do not grab LCD panel when you pull out the unit. This may damage the panel.

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- Set the unit on the top of a flat surface. •••••
- Remove power adapter, AC power cord and I/O cable from accessory box. •••••
- Connect I/O cable and power the unit. •••••
- Connect the other end of I/O cable to any video source. •••••
- Power on the video source first, then power on the unit. •••••
- EPA Energy Star.
 Operation < 30 watts •••••30•• (•••••)
 Standby < 1 watts •••••1•• (•••••)

Factory Preset Timing for Reference

- Note: *. Panel factory recommended operation timing. *.....
- Note: **. Not recommend for a normal operation. **.....

Resolution ...	H. Freq. (KHz)	V. Freq. (Hz)	Scan Type(./....)	Pixel Freq.(MHz)
640 x 350	31.469	70	Non-interlaced	25.175
720 x 400	31.469	70	Non-interlaced	28.322
640 x 400	24.83	56	Non-interlaced	21.053
640 x 480	31.469	60	Non-interlaced	25.175
640 x 480	35.000	66.67	Non-interlaced	30.24
640 x 480	37.861	72	Non-interlaced	31.50
640 x 480	37.500	75	Non-interlaced	31.50
800 x 600	37.879	60	Non-interlaced	40.00
800 x 600	48.077	72	Non-interlaced	50.00
800 x 600	46.875	75	Non-interlaced	49.50
836 x 624	49.715	74.536	Non-interlaced	57.272
960 x 720	44.80	60	Non-interlaced	56.00
*1024 x 768	48.363	60	Non-interlaced	65.00
1024 x 768	56.476	70	Non-interlaced	75.00
1024 x 768	60.023	75	Non-interlaced	78.75

Panel Controls and OSD Functions OSD

Controls	Description
Power On/Off switch	Soft power on/off button. Adjacent LED is lit when on.
OSD button OSD.....	Press to access to OSD Main Menu and save the setting (if any). • OSD
Contrast/Adjust button	To increase or decrease the panel back light luminance. OSD
Brightness/Adjust button	To increase or decrease display brightness. OSD
Auto	Auto-synchronize and scale down display to any valid factory preset timings.

Power Indicator •••••

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• GREEN (••).....ON •••••
• ORANGE (••).....STANDBY •••
• ORANGE (••).....SUSPEND •••
• ORANGE (••).....OFF •••••

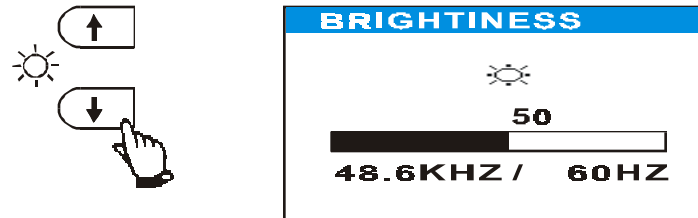
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**Note : 1. OSD – On Screen Display** . . . . .

2. Energy Star - Leave your device power always on state while you turn down PC power off.  
 ..... – .....  
 .....

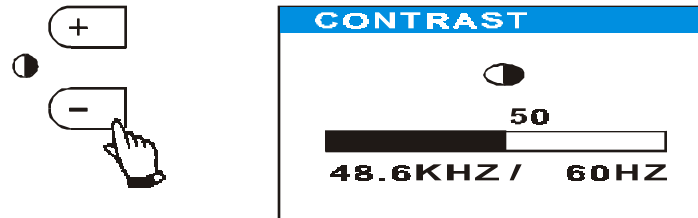
## OSD Functions    OSD .....

### Instant Brightness Control    .....



- Press “up” or “down” button will display the “ Brightness” icon.
- Press either “up” or “down” button again will either increase or decrease the video raster luminance, respectively.
- • “.”. “.”..... ”.” .....
- .... “.”. “.”.....

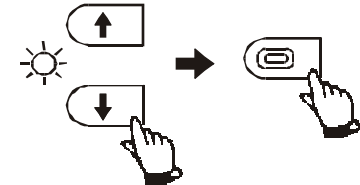
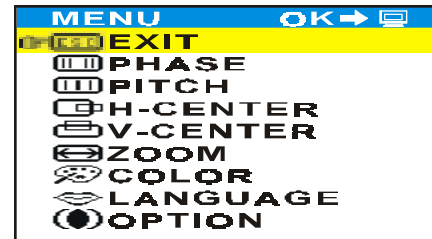
### Instant Contrast Control    .....



- Press “+ ” or “- ” button will display the “ Contrast” icon.
- Press “+ ” or “- ” button again will either increase or decrease the back light luminance, respectively.
- • “+ ”. “- ”..... ”.” .....
- .... “+ ”. “- ”.....

## OSD Main Menu

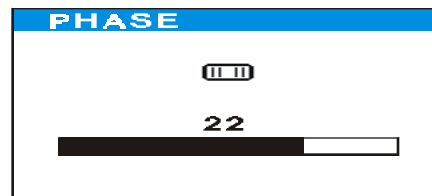
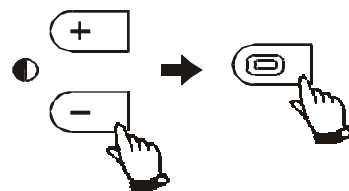
OSD .....



- Press OSD icon button will display the OSD menu icons. • • “OSD” ..... “OSD”.....
- Press “up” or “down” button to select a desire function from the menu, then press OSD button again to activate the selected function. .... “.”. “.”..... ”OSD”.....
- OSD menu will disappear after 20 seconds if no activity has been detected. To manually close the OSD menu, select “Exit” from the menu, and then press OSD button again. Or press OSD button twice while in any sub menu. • • 20  
.....“OSD”..... “Exit” • • “OSD”• • “OSD”.....
- The OSD main menu includes functions as Exit, Phase, Pitch, H-Center, V-Center, Zoom, Color, Language, and Option.  
.....OSD.....

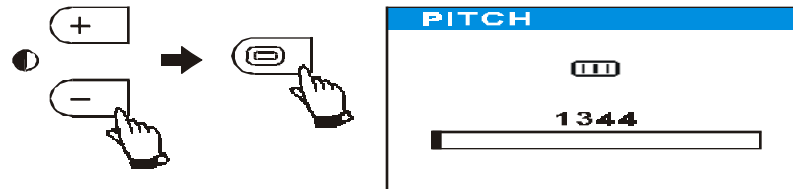
## Phase Adjustment

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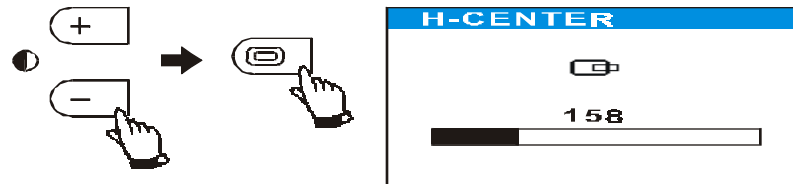
- Adjust “Pitch” function first, before adjust “phase” function. ....
- Select “phase” function from the OSD main menu. • • OSD ..... “.” .....
- Press “+” or “-” button to reach a best possible display performance by eliminating noise and jitter from the display.  
• “+” • “-” .....

## Pitch Adjustment .....



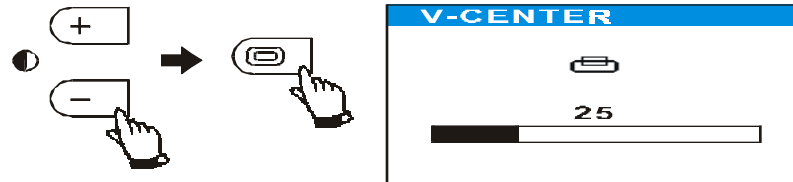
- Select “Pitch” function from the OSD main menu. • • OSD ..... “...” .....
- Go to computer “Shut Down Windows”. Please refer to computer user manual. ....”.....
- Press “+” or “-” button to remove a moving vertical black bar. • “+” • “-” .....
- Return to normal computer operation by selecting “Cancel” from the “Shut Down Windows”.  
.....”.....”.....

## H-Center Adjustment .....



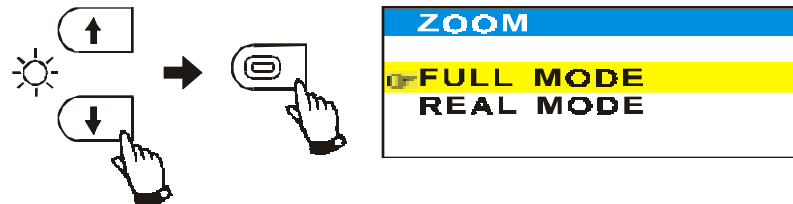
- Select “H-Center” function from the OSD main menu.
- Press “+” or “-” button to move the display in horizontal direction
- • OSD ..... “...” ..... “OSD” .....
- • “+” • “-” .....

## V-Center Adjustment .....



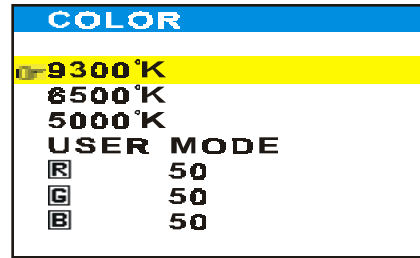
- Select “V-Center” function from the OSD main menu.
- Press “+” or “-” button to move the display in vertical direction.
- • OSD ..... “...” ..... “OSD” .....
- • “+” • “-” .....

## Zoom Function .....



- Select “Zoom” function from the OSD main menu.
- Select “up” or “down” button to highlight either “real” or “full” mode.
- Press “OSD” button to activate the highlighted mode.
- • OSD ..... “...” ..... “OSD” .....
- • “.” • “.” ..... “.....” • ” ..... ” •
- • • “OSD” .....

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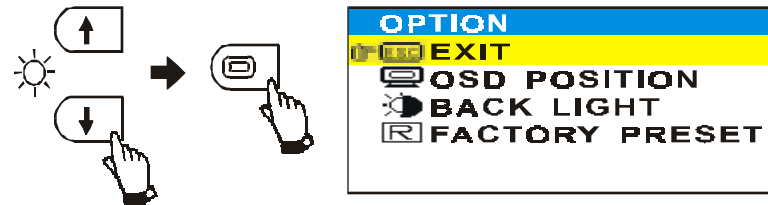
● ● ● ● ● ● ● ●



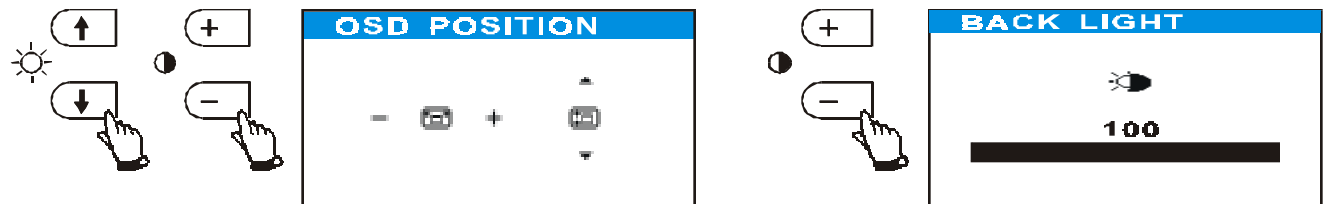
- [illegible]

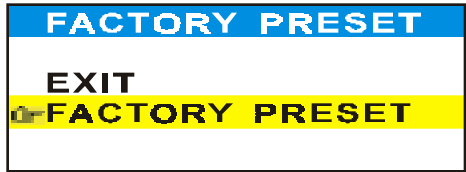
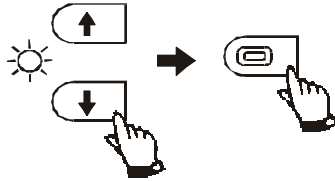
## Option Function

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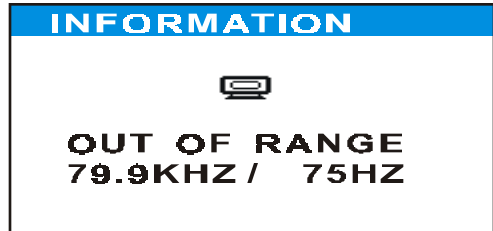
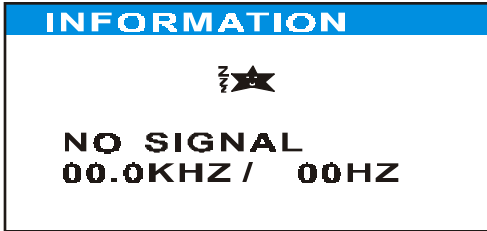
- Select “Option” function from the OSD main menu.
- Press “up” or “down” button, select a desire function from the option menu, then press OSD button again to activate the selected function.
- To manually close the option menu, select “Exit” from the menu, and then press OSD button again.
- while “OSD-Position” icon on the menu is selected, press OSD button again to activate OSD position sub menu ; Press “+” or “-“ button, will move the OSD menu position in horizontal direction, and press “up” or “down” button will move the OSD menu position in vertical direction.
- Press “+” or “-“ button, while select the “Backlight” to press OSD button will control the back light of the LCD module.
- Highlight “preset” and press “OSD” button to recall factory default parameters. While the OSD screen displays the information “FACTORY PRESET” few seconds and disappears, all user settings will be replaced by factory default value.





- • OSD ..... “.....” ..... “OSD” .....
- • “.”. “.”..... “OSD” .....
- • “.”..... “OSD” ..... ” ..... ”OSD.....”.
- • ”OSD-.....”..... “OSD” ..... OSD..... “+” • “-“..... OSD..... “.” • ““.....  
OSD.....
- • “.....”..... “OSD” ..... “+” • “-“.....
- • “.....”..... “OSD” ..... OSD..... “.....”  
.....
- ..... “OSD” ..... 30 • OSD.....

## OSD . . .



## Auto Adjusting

**No Signal**

## Out Of Range

Press “Auto” button, the information icon will pop up while the present timing is auto processing.  
 “No Signal” information icon comes when PC stops horizontal or vertical synchronization signals, and this monitor is going to power saving state.  
 “Out Of Range” information icon comes when the wrong range signal is detected. Refer page 15.

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“ . . . ” . . . . .

“.....”

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## •Troubleshooting

### **Blank Screen**

After installing the power adapter and connecting I/O cable to a PC, the monitor display a blank screen.

- Press soft power button. Check if power LED is lit.
- If LED turns green, check PC has been powered on. Check all cables are connected.
- If LED turns orange, check if PC is in the power saving mode, by pressing any keys on the keyboard.

### **Rolling Screen**

- Change PC display resolution to 1024x768 at 60hz. Refer to video card manual.
- Unplug power adapter to monitor, then plug it back.
- Press monitor power button again.
- Recall factory setting. Refer to panel controls and OSD functions in this manual.
- Press “auto” button.

### **Unstable Screen**

- Check if PC display resolution is not greater than 1024 x 768 at 85hz.
- Check if PC display resolution matches the factory preset timings.  
Change PC display resolution to 1024x768 at 60hz. Refer to video card manual.
- Recall factory setting. Refer to panel controls and OSD functions in this manual.
- Press “auto” button.

### **Screen is not perfect**

- Check if PC display resolution matches the factory preset timings.
- Recall factory setting. Refer to panel controls and OSD functions in this manual.
- Fine tune the screen by the following steps, pitch, phase, and position.  
Refer to OSD functions in this manual.



## Specifications

- LCD panel: 15" or 15.1" AM TFT
- Input signal format: RGB analog video
- Frequency: FH 30Khz – 70Khz, FV 50hz – 85hz
- Maximum Resolution: 1024 (H) x 768 (V)
- Power adapter: Input 88VAC – 264VAC, 50 – 60hz  
Output 12VDC @ 3A
- Audio option:
- Output power 2.5W per channel
- Frequency response: 40 – 20Khz
- Input impedance: 10K Ohm
- Pin assignment

| Pin No. | Signal | 8  | Ground  |
|---------|--------|----|---------|
| 1       | Red    | 9  | No pin  |
| 2       | Green  | 10 | Ground  |
| 3       | Blue   | 11 | Ground  |
| 4       | Ground | 12 | SDA     |
| 5       | Ground | 13 | H. sync |
| 6       | Ground | 14 | V. sync |
| 7       | Ground | 15 | SCL     |

• • • • •

• • • • • 15 • • • • • 15.1 • • • • • TFT  
 • • • • • RGB • • • • •  
 • • • • • 30Khz ~ 70Khz • • • • • 50hz ~ 85hz  
 • • • • • 1024 x 768  
 • • • • • 88VAC ~ 264VAC • 50 ~ 60hz  
 • • • • • 12VDC @ 3A

• • • • •

• • • • • 2.5 • •  
 • • • • • 40hz ~ 20Khz  
 • • • • • 10K • •  
 RGB • • • • •

| • • • • • | • •       | 8  | • •       |
|-----------|-----------|----|-----------|
| 1         | • • • • • | 9  | • •       |
| 2         | • • • • • | 10 | • •       |
| 3         | • • • • • | 11 | • •       |
| 4         | • •       | 12 | SDA (DDC) |
| 5         | • •       | 13 | • • • • • |
| 6         | • •       | 14 | • • • • • |
| 7         | • •       | 15 | SCL (DDC) |



Price • • :

- FoxVision™ FV525

- S-Video Plus

(S/N) **FPD** - • • • • • • • • • •

- iMac<sup>®</sup>

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