

# AOD 420PG OPEN FRAME

## USER'S MANUAL



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## 0. Connection To the Monitor



- ① COMPOSITE
- ② S-VIDEO : video signal input ( S-VHS CABLE )
- ③ AUDIO IN : VIDEO/DVD Sound input ( L )
- ④ AUDIO IN : VIDEO/DVD Sound input ( R )
- ⑤ AUDIO IN : PC Sound input
- ⑥ AUDIO OUT : Connect your speaker
- ⑦ D-SUB : Connect the VGA cable
- ⑧ DVI
- ⑨ Adaptor : Power cable connection (12V DC, 100V ~ 220V AC )

## 1. Installation

- Connect the signal(VGA) cable to the VGA port of computer. Tighten the two thumbscrews by turning clockwise.
- You can adjust the connection for your PC environment.
- Plug the DC cord of the AC adapter to the power connector and the plug the end of AC adapter to and electrical outlet socket(110V/220V)
- Connect DC cord of adapter (12V DC) to the monitor..

## 2. Features

- AOD420PG is 42.0" WXGA LCD monitor and support up to 75Hz.
- You can adjust brightness, contrast, horizontal & vertical positions by OSD menus and use auto adjust function for instant adjustment.
- High-qualified LCD Controller inside
- Compact space saving design and power saving mode
- 100% compatible with Windows PC environment without the installation of driver CD or software program.



## 3. Plug and Play Function

AOD420PG can be installed and connected automatically to any computer systems without driver CD or software programs. Monitor will recognize the optimized value of Video mode by DDC(Display Data Channel) method that makes the graphic card of computer

to communicate with the monitor.

AOD420PG supports VESA DDC 1/2B.

## 4. Safety Precaution

We strongly recommend that you carefully read this User's Manual before operating your LCD monitor. FOLLOW INSTRUCTIONS in this manual.  
Please read and comprehend all using directives before use this machine.

### ● Power

— Use the type of power indicated on the marking label.

### ● Adapter

— Only use an adapter designed of the LCD monitor.

### ● Plug

— Do not remove any of the prongs of the monitor's three-pronged power plug.

— Disconnect the power plug from the AC outlet if you will not use it for an indefinite period of time.

### ● Power and extension cord

— Use the proper power cord with ground conductor

— Do not overload wall outlets or power cords. Ensure that the total of all units plugged into the wall outlet does not exceed 7 amperes.

— Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.

### ● Care and maintenance

— Slots and openings in the cabinet are provided for ventilation. Do not block or cover these openings.

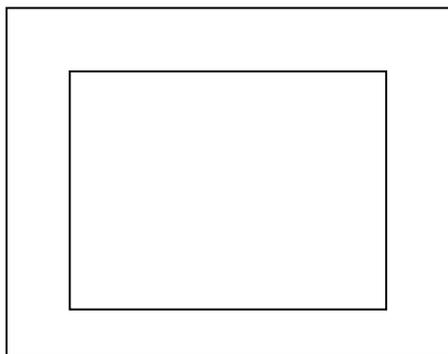
— Do not push objects of any kind into cabinet slots or openings. The screen surface is easily scratched.

— Do not use paper towels to clean the display. Avoid touching it with your fingers, pens, or pencils.

— Turn off the AC adapter and the monitor over long periods when not in use.



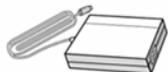
## 5. Contents Of the Retail Package



Monitor



User's Manual



AC/DC Adaptor



Power Cord



VGA Cable



Audio Cable



Touch Driver (Option)



Composite Cable (Option)

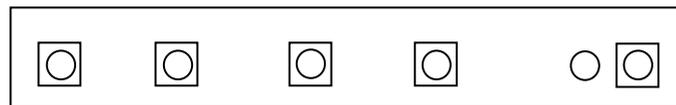


S-video Cable (Option)



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## 6. OSD (On-Screen-Menu)



Button	Function	Status
POWER	Power ON or OFF	ON/OFF
LED	Indicate working status	Green : On Flickering Red : Stand-by Red: No signal
UP	Launch OSD Menu or Add Value	Move to OSD Menu
DOWN	Launch OSD Menu or Down value	Move to OSD Menu
SELECT	Select OSD Menu	
MENU	On / Off OSD Menu	



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## 7. OSD Control

### 1. Color



The Color OSD menu is displayed on a blue background with the word "COLOR" at the top. Below the title, there are five menu items, each with a corresponding icon: Contrast (crescent moon), Brightness (sun), Gamma Correct (graph), Color Temp (color wheel), Color Adjust (color wheel with arrows), and Exit (EXIT button). At the bottom, the resolution "1024\*768" is shown.

MENU →  Select COLOR → UP / DOWN KEY

- 1)  Adjust Contrast
- 2)  Adjust Brightness
- 3)  Adjust Color
- 4)  Adjust Color Temp
- 5)  Adjust R.G.B value

### 2. PICTURE

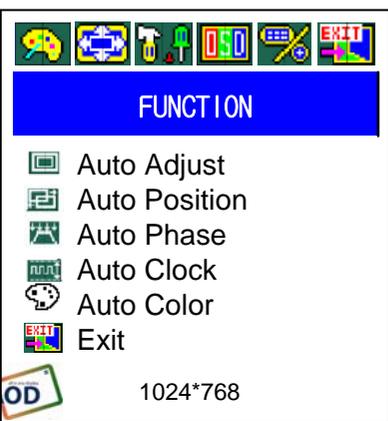


The Picture OSD menu is displayed on a blue background with the word "PICTURE" at the top. Below the title, there are five menu items, each with a corresponding icon: H.Position (horizontal lines), V.Position (vertical lines), Sharpness (graph), Phase (crescent moon), and Exit (EXIT button). At the bottom, the resolution "1024\*768" is shown.

MENU →  Select PICTURE → UP / DOWN KEY

- 1)  Adjust Horizontal Position
- 2)  Adjust Vertical Position
- 3)  Adjust Sharpness
- 4)  Adjust Phase
- 5)  Optimize Image and eliminate Noise

### 3. FUNCTION



The Function OSD menu is displayed on a blue background with the word "FUNCTION" at the top. Below the title, there are five menu items, each with a corresponding icon: Auto Adjust (graph), Auto Position (horizontal lines), Auto Phase (crescent moon), Auto Clock (graph), Auto Color (color wheel), and Exit (EXIT button). At the bottom, the resolution "1024\*768" is shown.

MENU →  Select FUNCTION → UP / DOWN KEY

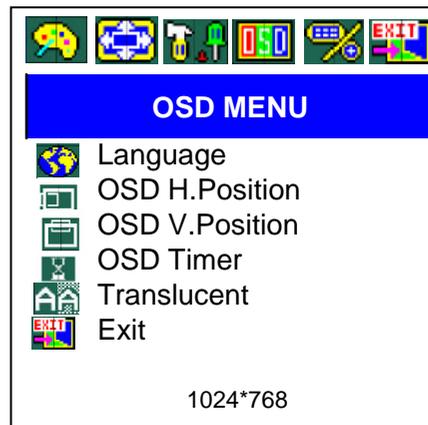
- 1)  Run Auto-Adjust Function for optimization
- 2)  Automatically adjust screen position (17", 19" option)
- 3)  Automatically adjust phase (17", 19" option)
- 4)  Automatically adjust image and eliminate noise (17", 19" option)
- 5)  Automatically adjust color status



1024\*768

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### 4. OSD MENU

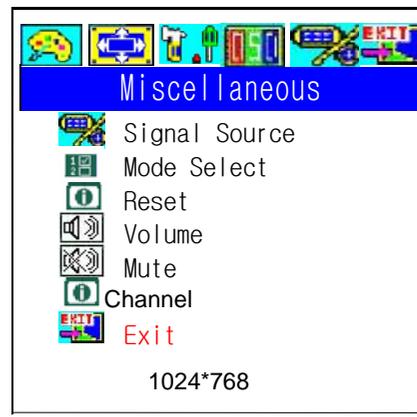


The OSD Menu OSD menu is displayed on a blue background with the words "OSD MENU" at the top. Below the title, there are six menu items, each with a corresponding icon: Language (globe), OSD H.Position (horizontal lines), OSD V.Position (vertical lines), OSD Timer (clock), Translucent (house), and Exit (EXIT button). At the bottom, the resolution "1024\*768" is shown.

MENU →  Select OSD MENU → UP / DOWN KEY

- 1)  Select Language
- 2)  Adjust OSD Horizontal Position
- 3)  Adjust OSD Vertical Position
- 4)  Select OSD Auto Timer
- 5)  Select transparent status of OSD menu

### 5 MISCELLANEOUS



The Miscellaneous OSD menu is displayed on a blue background with the word "Miscellaneous" at the top. Below the title, there are seven menu items, each with a corresponding icon: Signal Source (crescent moon), Mode Select (graph), Reset (power button), Volume (speaker), Mute (speaker with slash), Channel (crescent moon), and Exit (EXIT button). At the bottom, the resolution "1024\*768" is shown.

MENU →  Select MISCELLANEOUS → UP / DOWN KEY

- 1)  Select Signal Source
- 2)  Select Mode
- 3)  Go to Factory Setting
- 4)  Volume Up/Down(AV, TV Option)
- 5)  Mute (AV,TV Option)
- 6)  Select Channel (AV,TV Option)
- 7)  Exit



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## 8. Troubleshooting

**TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.**

**NO USER-SERVICEABLE PARTS INSIDE.**

**REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

**The monitor does not respond after you turn on the system.**

Make sure that the monitor is turned on.

Turn off the power and check the monitor's power cord, AC adapter, and signal cable for proper connection.

**Appear the " No Input the Signal"**

Check the connecting of the audio cable between the monitor and the computer.

**Appear the " Input Not the Supported"**

Input signal are insuperable, reset the video mode.

**The appearance is not at the screen center.**

Use "AUTO ADJUST", refer to the Controls section.

**The characters on the screen are too dim or too bright**

Choose fit color temperature, use "AUTO COLOUR ADJUST or manually adjust "RGB ADJUSTMENT, refer to the Control section.

## 9. Specifications

Active Screen Size	42.02 inches(1067.308mm) diagonal
Outline Dimension	1006(H) x 610(V) x 59(D) mm(Typ.)
Pixel Pitch	0.227mm x 0.681mm x RGB
Pixel Format	1366 horiz. By 768 vert. Pixels RGB strip arrangement
Color Depth	8bit, 16,7 M colors
Luminance, White	500 cd/m <sup>2</sup> (Center 1 points Typ.)
Viewing Angle (CR>10)	Viewing Angle Free ( R/L 176(Typ.), U/D 176(Typ))
Power Consumption	Total 208Watt (Typ.) (Logic=5.4W, Lamp=202W [I <sub>BL</sub> =6.0mA] ) -Not Fixed
Contrast Ratio	400:1
Display Operating Mode	Transmissive mode, normally black
Surface Treatment	Hard coating(3H), Anti-glare treatment of the front polarizer,

### Video

Frequency	Horizontal: 40 ~ 70KHz Vertical: 56~75KHz
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### Compatibility

Plug and Play	VESA DDC 1/2B
Compatibility	VESA / IBM / MAC
Power	VESA Standard, DPMS

### Operation Environment

Power Consumption	Operation Mode: 35 watt max. Stand-by: 4 watt max.
Temperature	Operation Mode : 0 °C ~ 40 °C Stand-by: -20 °C ~ 50 °C
Humidity	Operation Mode: 10% ~ 90% R.H. Stand-by: 90% R.H. Max.

### User's Mode

OSD Key	Menu / Enter / Down / Up / Power
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### Dimension & Weight

Dimension	1027 (W) x 97 (D) x 631 (H) mm
Weight	25kg(Net) / 26kg(gross)

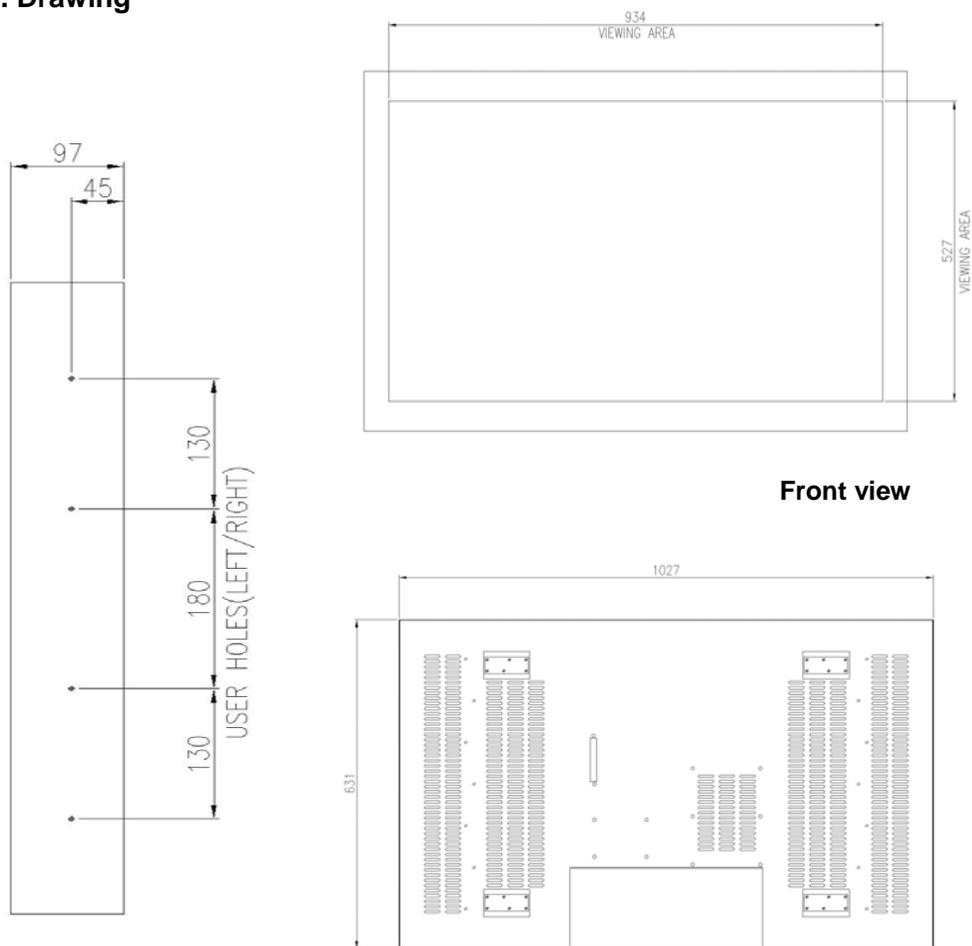


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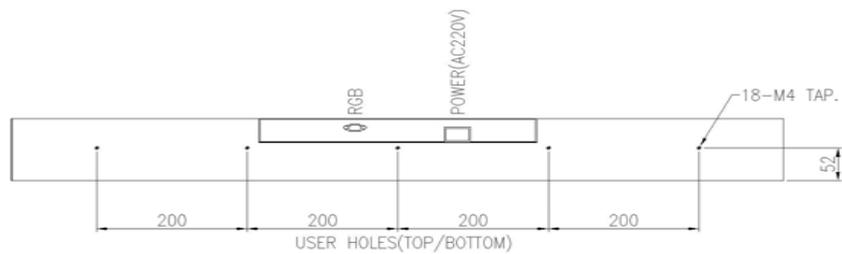
## 10. Drawing



Front view

Side view

Rear view



Bottom view

THANK YOU

ALL IN ONE DISPLAY, INC

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