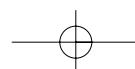


## INDEX

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<b>STAND ALTERATION</b>	How to use as the wall tapestry ..... 11
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## Safety Precautions

Before connecting the AC power cord, make sure the voltage rating of the electrical supply.



Never insert anything metallic into the cabinet openings of the liquid crystal display (LCD) monitor; doing so may create the danger of electric shock.



To avoid electric shock, never touch the inside of the LCD monitor. Only a Qualified technician should open the case of the LCD monitor.



Never use your LCD monitor if the power cord has been damaged. Do not allow anything to rest on the power cord, and keep the cord away from areas where people can trip over it.



Place the LCD monitor on a solid surface. And treat it carefully. The screen is made of thin glass with a plastic front surface and can be damaged if dropped, hit or scratched.



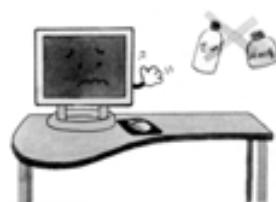
Opened ventilation of monitor cabinet is Provided for heated air to prevent overheating, these openings should not be blocked or covered.



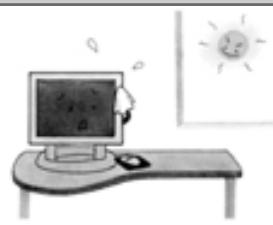
High temperature can cause problems.  
Don't use your LCD monitor in direct sunlight, and keep it away from heaters, stoves, fireplaces, and other sources of heat.



Unplug the LCD monitor when it is going to be left unused for an extended period of time



Do not expose the LCD monitor to rain or use it near water (in kitchens, near swimming pools, etc.). If the LCD monitor accidentally gets wet, unplug it and contact an authorized dealer immediately



Do not clean the front panel with Kenton-type materials (e.g., acetone), ethyl alcohol, toluene, ethyl acid, methyl, or chloride - these may damage the panel.

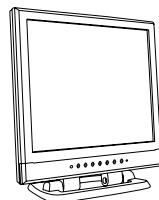


## Contents of Box

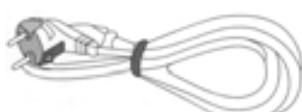
User Manual



Monitor



Power Cord



D-SUB Signal Cable



DVI Signal Cable



Sound Cable



**Warning** Please make sure the following items are included with your monitor.  
If any items are missing, contact your dealer.

## Install the Monitor

### Setting up an Ergonomic Working Environment

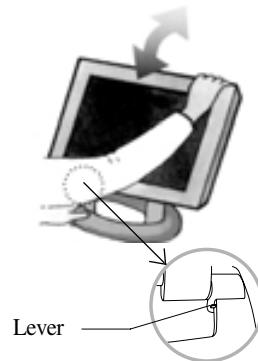
Place the LCD monitor on a solid and level surface and treat it carefully.



### Monitor's Tilt Adjustment

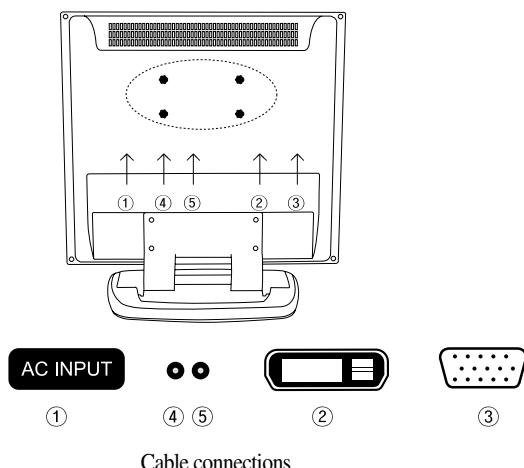
**Tilt the screen so as you feel comfortable working with your monitor.**

If you want to fold stand, Please operate the lever at the rear of your monitor stand.



## Connecting Your LCD Monitor

How to connect the monitor with the power supply and the signal cable.



1. Power is supplied by connecting power cord to ①'s direction on the rear of your monitor.
2. You can see analog display by connecting D-SUB signal cable to ③'s direction on the rear of your monitor.
3. You can see digital display by connecting DVI signal cable to ②'s direction on the rear of your monitor.
4. Connect the cable to computer's sound output after connecting sound cable to ④'s direction on the rear of your monitor, then you can listen through the speaker inside monitor.
5. If you want to listen by using not speaker inside monitor but earphone or headphone, , connect earphone or headphone to ⑤'s direction

## Plug and Play

The adoption of the new VESA Plug and Play solution eliminates complicated and time consuming setup. It allows you to install your monitor in a Plug and Play compatible system without the usual hassles and confusion. Your PC system can easily identify and configure itself for use with your display. This monitor automatically tells the PC system its Extended Display Identification Data (EDID) using Display Data Channel (DDC) protocols so the PC system can automatically configure itself to use the flat panel display. If your PC system needs a video driver, set to XGA(1024x768)@75Hz monitor as default or Flat panel.(1024x768)

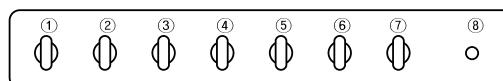
# Monitor Function

## Adjust Explanation

Buttons for function controls of monitor are under the monitor .

Adjust your monitor picture, after reading the button explanation correctly.

## Button Position



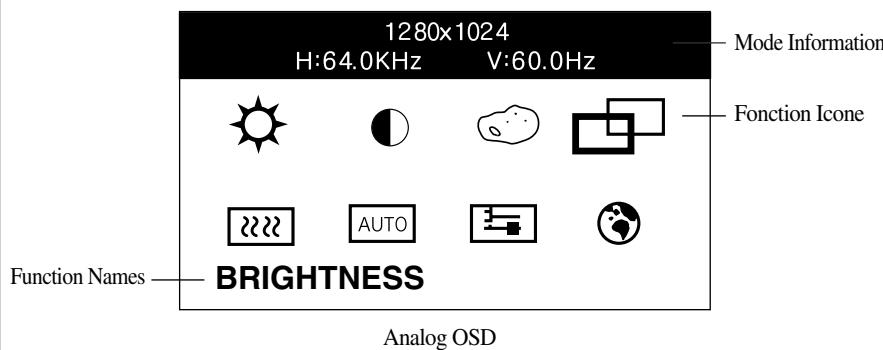
model \ No.	①	②	③	④	⑤	⑥	⑦	⑧
SDM-1901S	POWER	MENU	▼(DOWN)	▲(UP)	SELECT	AUTO ADJ	SOURCE	LED

Nom	Descriptions
POWER	Power ON/OFF the monitor
MENU	OSD(On Screen Display) On/OFF Sub menu EXIT Main menu EXIT
▼(DOWN)	Brightness control OSD Main menu right direction OSD Sub menu down direction Adjustment of select menu
▲(UP)	Volume control Mute will be stopped by pressing this key on mute status. OSD Main menu left direction OSD Sub menu up direction Adjustment of select menu
SELECT	OSD menu select Press this key after pressing ▲(UP) key, and then this key works as mute.
AUTO ADJ	Position auto adjustment
SOURCE	Select Analog/Digital
LED	GREEN : Normal Operation OFF : Turns off the monitor Orange : Power saving mode or no signals

### ■ Auto Adjustment

Whenever you open the on-screen menu and allow an adjustment window to remain active for about 10 seconds without pressing other buttons, the monitor automatically saves any adjustment you have made. You can adjust time limit 10 seconds to 40 seconds.

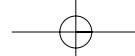
### ■ OSD (On Screen Display)



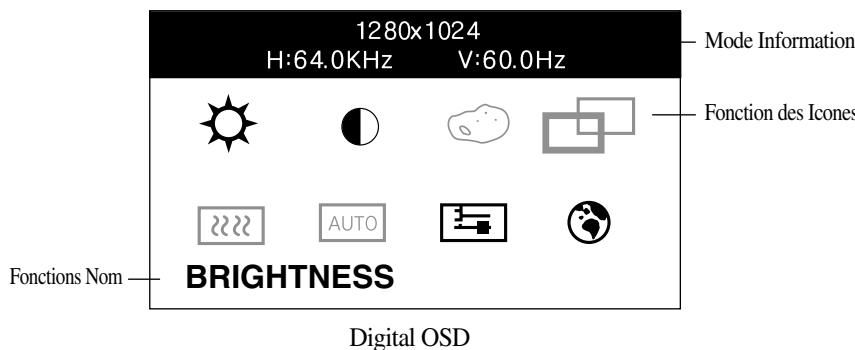
### ■ Accessing the Menu

- Press the menu button to call the main OSD menu.
- Use the **▲▼** buttons to move from one function to another function.
- To enter the function, Press the **SELECT** button.
- Then use **▲▼** buttons to adjust value .
- To return to the main menu, press the **MENU** button.

NOTE : The numeric value indicator is provided as a point of reference only and has nothing to do with a real measurement .



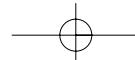
## III OSD (On Screen Display)



## III Accessing the Menu

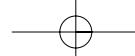
- Press the menu button to call the main OSD menu. On Digital OSD there are no functions that is Color Control, Position, Clock/Phase, Auto Adjust.
- Use the  $\blacktriangle$   $\blacktriangledown$  buttons to move from one function to another function.
- To enter the function, Press the SELECT button.
- Then use  $\blacktriangle$   $\blacktriangledown$  buttons to adjust value .
- To return to the main menu, press the MENU button.

NOTE : The numeric value indicator is provided as a point of reference only and has nothing to do with a real measurement .

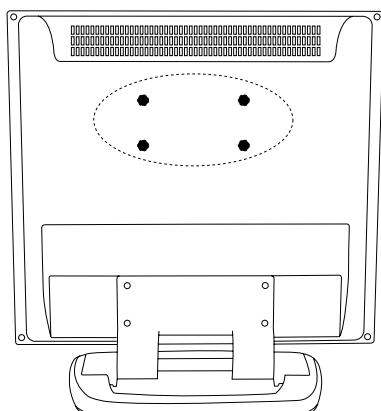


## OSD Function Explanation

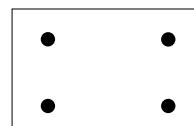
Icons	Name	Descriptions
	BRIGHTNESS	<ul style="list-style-type: none"> <li>• Brightness adjustment's function</li> <li>• You can adjust BRIGHTNESS by controlling backlight brightness.</li> </ul>
	CONTRAST	<ul style="list-style-type: none"> <li>• You can adjust CONTRAST by controlling input signal level.</li> </ul>
	COLOR CONTROL	<ul style="list-style-type: none"> <li>• Color temperature adjustment's function</li> <li>• USER: R/G/B block level adjustment</li> <li>• MODE 1: Color temperature 9300K</li> <li>• MODE 2: Color temperature 6500K</li> </ul>
	POSITION	<ul style="list-style-type: none"> <li>• H-Position: Horizontal position adjustment</li> <li>• V-Position: Vertical position adjustment</li> </ul>
	CLOCK / PHASE	<ul style="list-style-type: none"> <li>• Phase: Detailed adjustment</li> <li>• Clock: Picture adjustment</li> </ul>
	AUTO ADJUST	<ul style="list-style-type: none"> <li>• self-adjust to the incoming video signal</li> <li>• The values of phase, Clock and position are adjusted automatically.</li> </ul>
	MISCELLANEOUS	<ul style="list-style-type: none"> <li>• RECALL : Restores default values.</li> <li>• SOUND : Volume control/Mute</li> <li>• OSD Time : Adjustable in the range of 10 to 40 seconds.</li> <li>• OSD Position : Adjusts the horizontal/Vertical position of the OSD Menu.</li> <li>• Auto Color : adjust color.</li> <li>• Input Select: Analog/Digital select</li> </ul>
	LANGUAGE	<ul style="list-style-type: none"> <li>• language select (English, Deutsch, French, Spanish, Italian)</li> </ul>



## How to use as the wall tapestry

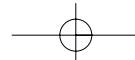


Rear of the monitor



wall tapestry's stand  
(Optional)

- 1) Turn off the power and then unplug the power code.
- 2) Move the lever to the down direction and tilt your monitor in a straight line.
- 3) To protect the front of monitor, put the cloth or cushion, then lay the monitor.
- 4) fix the hall position of rear of the monitor and the hall position of the wall tapestry's stand equally, and screw tightly.



## APPENDIX

### Resolution and Frequency

No	Mode	Résolution	Synchro-Signal	Polarité	Pixel-Fréquence	Synchro-Fréquence
1	VGA	640 x 350	H(Pixels)	+	25.175MHz	31.466KHz
			V(Lines)	-		70.0Hz
2		720 x 400	H(Pixels)	-	28.322MHz	31.468KHz
			V(Lines)	+		70.0Hz
3		640 x 480	H(Pixels)	-	25.175MHz	31.469KHz
			V(Lines)	-		60.0Hz
4		640 x 480	H(Pixels)	-	30.24MHz	35.00KHz
			V(Lines)	-		66.67Hz
5		640 x 480	H(Pixels)	-	31.5MHz	37.50KHz
			V(Lines)	-		75.0Hz
6	SVGA	800 x 600	H(Pixels)	+	36.0MHz	35.156KHz
			V(Lines)	+		56.25Hz
7		800 x 600	H(Pixels)	+	40.0MHz	37.879KHz
			V(Lines)	+		60.3Hz
8		800 x 600	H(Pixels)	+	50.0MHz	48.077KHz
			V(Lines)	+		72.188Hz
9		800 x 600	H(Pixels)	+	49.5MHz	46.875KHz
			V(Lines)	+		75.0Hz
10	MAC	832 x 624	H(Pixels)	-	52.283MHz	49.725KHz
			V(Lines)	-		74.55Hz
11	XGA	1024 x 768	H(Pixels)	-	65MHz	48.363KHz
			V(Lines)	-		60.0Hz
12		1024 x 768	H(Pixels)	-	75MHz	56.476KHz
			V(Lines)	-		70.0Hz
13		1024 x 768	H(Pixels)	+	78.75MHz	60.023KHz
			V(Lines)	+		75.0Hz
14	SXGA	1280 x 1024	H(Pixels)	+	108.0MHz	63.98KHz
			V(Lines)	+		60.02Hz
15		1280 x 1024	H(Pixels)	+	135MHz	79.976KHz
			V(Lines)	+		75.035Hz

## Specification

Item		SDM-1901S
LCD Module	Panel Size Display Size Max Resolution Luminance Contrast ratio Pixel Pitch Interface Type	19.0" 376.3(H) x 301.1(V) SXGA 1280 x 1024 250cd/m <sup>2</sup> 500 : 1 0.294(H) x 0.294(W) LVDS
Input Frequency	Horizontal Vertical	30 ~ 80KHz 56 ~ 75Hz
Input Signal		D-SUB DVI SOUND
Audio Output		2W + 2W
OSD (On Screen Display)		Brightness & Contrast, Color Setting, Position, Clock/Phase, OSD Control
Power		AC100 - 240V~50/60Hz, 1A
Weight	Net Gross	7.2kg 8.7kg
Dimension		460X445X170(WxHxD)
Regulatory		FCC, UL

\* Specification is subject to change by manufacturer without notice

## Trouble Shooting

If you have a problem to set up or to use your LCD monitor , you may be able to solve it yourself. Before contacting customer service , try the suggested actions that are appropriate to your problem .

Symptoms	Corrective Action	Reference
Blank screen Power Indication is off	Make sure the the power cord is firmly connected	page 6
Blank screen Power indicator is orange	Make sure the the signals and PC power connected	page 6
Power indicator is green "None Supported" message	Make sure max resolution and frequency of video adaptor of PC and check your video and support DDC and Plug and Play	page 6
Too dark or bright	Control Brightness or Contrast	page 12
Horizontal/Vertical noise or jitter	Excute the AUTO ADJUST. Control the Phase/Clock.	page 7~10
Horizontal or Vertical position is not to center	Excute the AUTO ADJUST. Control the Position	page 7~10
No sound	Make sure the sound cable	page 6

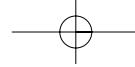
## Fcc Information to User

Note: This equipment has been tested and found to comply with limit for a Class B digital device, pursuant to part 15 of the FCC Rules.

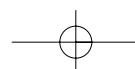
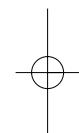
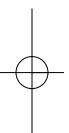
These limits are designed to provide reasonable protection against harmful interference in a residential Installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions. May cause harmful interference to radio communications. However, there is no 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 encourage to try to correct the interrence by one or the following measures.

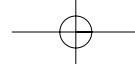
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experience radio TV technician for help

Change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

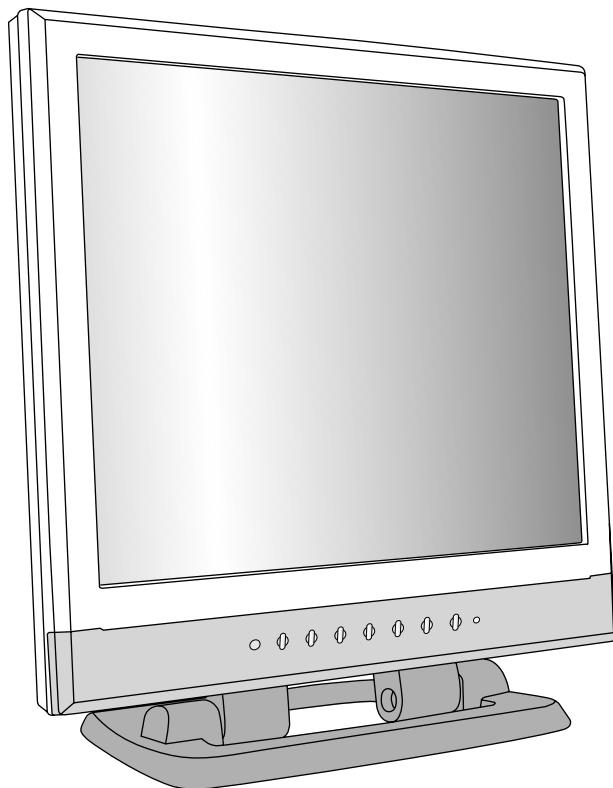


**TFT-LCD Moniteur** **SDM-1901S**





**TFT-LCD Monitor SDM-1901S**  
**USER MANUAL**



**SODIFF** 

