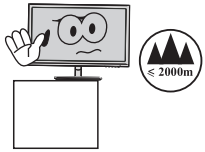
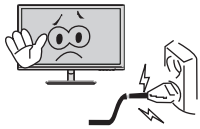
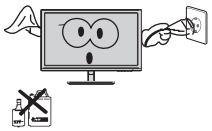
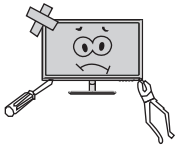
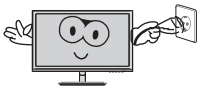
LED MONITOR

ANTTEQ

MANUAL

24S2

I.Safety Prevention Measures

			
Please always place this device on a stable surface; otherwise, it may fall and be damaged.	The altitude and the tropical environment the adapter fits depend on which adapter is used for the device. The rating plate on the back of the device with the above warning sign indicates that this product is applicable for the safe use of the region with altitude of 2,000m and below.	Do not hold the plug with wet hand; otherwise, electric shock may occur. Make sure the plug has a good touch because poor touch may cause fire.	Do not use a broken power plug nor keep a power cord near heat source; otherwise, electric shock or fire may occur.
			
When cleaning the device, be sure to remove the power plug, use a piece of soft cloth rather than industrial chemical to clean the device, be sure not to let water enter the device.	Do not disassemble this device without permission. In case of failure, be sure to contact a professional servicing person to fix it. The unauthorized disassembly of this device may result in electric shock or fire.	In case of rare smell or noise out of this device, be sure to immediately cut off the power supply and ask a professional servicing person to fix the problem.	When this device is idle for long time, be sure to power it off; otherwise, electric shock or fire may occur.

Note:
The device with AC switch may use such AC switch as cut-off component.
The device without AC switch may use power plug or coupler as cut-off component.
In case of the normal use of the equipment, make sure the cut-off component can be accessed easily.

HIGH-DEFINITION MULTIMEDIA INTERFACE

This product incorporates HDMI technology.
HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

All specifications and informations are subject to change without notice.

II.Installation Instructions

1.Accessories

Power adapter

Base/Stand

Signal cable

stand neck

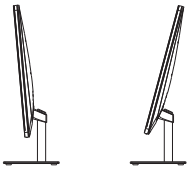
User manual

Warranty card

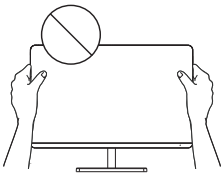
(The above pictures are for illustration only and the physical accessories shall govern.)

2. Angle Adjustment

2.1 The screen can be adjusted by inclining forward and backward; however, the specific adjustment depends on the specific model of the device. Generally, it may be inclined 5±2°forward and 15±2° backward.

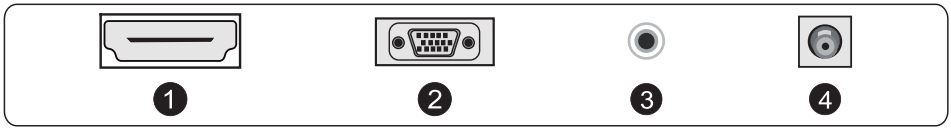


2.2 When adjusting the angle of the monitor, be sure not to touch or press the area of the screen.

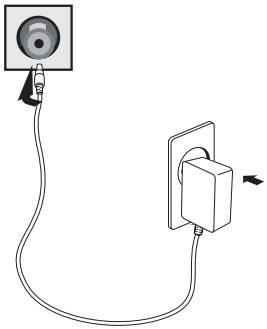


(The above pictures are for illustration only and the physical accessories shall govern.)

III. Connect the Monitor to PC



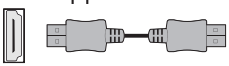
⚠ Before connecting the LCD monitor to the PC, please power down the PC and the monitor.



Power adapter

* Warning: Always use the power cord of standard configuration.

1 HDMI Port
Connect the HDMI cable into the HDMI IN port into the back of the monitor (this needs the support of the monitor).



2 VGA Port
Connect the VGA cable into the VGA IN port in the back of the monitor (this needs the support of the monitor).

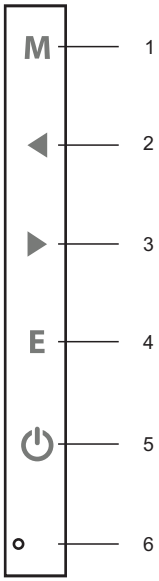
3 Audio Interface
Connect the AUDIO cable to the AUDIO OUT port in the back of the display (this needs the support of the monitor).

4 Power Plug
Connect the power cord of the monitor into the POWER port in the back of the monitor.

(The above pictures are for illustration only and the physical accessories shall govern.)

IV. User Setup

1. Schematic Diagram of Keys



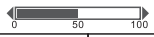
2. Description of Keys' Functions

1	M	Pops up the menu/Backs to the previous menu (in case of main menu, exits from the whole menu).
2	◀	When the menu opens, the value is incremented as the right function selection key, When the menu is closed, go to situational mode switch.
3	▶	When the menu opens, the progress bar value is decremented as the left function selects the key.
4	E	When the menu is activated, press this key to select the function, When the menu closes, pressing this button will enter automatic adjustment.
5	⏻	Power switch: Powers on/off the monitor.
6	LED indicator light	Long bright: normal boot state; flicker: power saving standby state.

Note: The physical keys of the specific model shall govern.

V. Operation Menu (OSD) Function Descriptions

First level menu item	First level menu icon	Second level menu item	Second level menu icon	Third level menu item	Third level menu icon	Description
Display		Brightness		NONE	NONE	Adjust display brightness
		Contrast		NONE	NONE	Adjust display contrast
		CDR		On	ON	Activate dynamic contrast
				Off	OFF	Inactive dynamic contrast
				Return		Return to the previous menu
				Exit		Exit from the whole menu
Language		NONE	NONE	English	English	English
				Française	Française	Française
				Español	Español	Español
				Deutsch	Deutsch	Deutsch
				Italiano	Italiano	Italiano
				Português	Português	Português
				Nederlands	Nederlands	Nederlands
				Return		Return to the previous menu
				Exit		Exit from the whole menu
Over driver	OD	NONE	NONE	On	ON	Activate OD function(this needs the support of the monitor)
				Off	OFF	Inactivate OD function(this needs the support of the monitor)
				Return		Return to the previous menu
				Exit		Exit from the whole menu
Mode		Standard		NONE	NONE	Normal work mode
		Movie	MOVIE	NONE	NONE	Movie mode
		FPS		NONE	NONE	FPS game mode
		RTS		NONE	NONE	RTS game mode
		EyeSaver		NONE	NONE	Eye protection ray filter application mode
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu
Color Temp.		Cool		NONE	NONE	Set as cold color temperature
		Warm		NONE	NONE	Set as warm color temperature
		User		Red	R	Fine tuning of red color temperature
				Green	G	Fine tuning of green color temperature
				Blue	B	Fine tuning of blue color temperature
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu

First level menu item	First level menu icon	Second level menu item	Second level menu icon	Third level menu item	Third level menu icon	Description
Aspect		Auto	AUTO	NONE	NONE	Automatically adjust picture aspect ratio
		16:9		NONE	NONE	Picture in 16:9 mode
		4:3		NONE	NONE	Picture in 4:3 mode
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu
Input		VGA	D-sub	NONE	NONE	VGA (analog) signal input (this needs the support of the monitor)
		DVI	DVI	NONE	NONE	DVI (digital) signal input (this needs the support of the monitor)
		HDMI	HDMI	NONE	NONE	HDMI (digital) signal input(this needs the support of the monitor)
		DP		NONE	NONE	Display port (digital) signal input (this needs the support of the monitor)
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu
Other		Power Off		On	ON	Automatically turn off after saving power for 1minute
				Off	OFF	Inactivate the function of timed switch-off
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Gamma		Gamma1		Adjust color tone brightness grey 1
				Gamma2		Adjust color tone brightness grey 2
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Adjust		Auto adjust		Automatically adjust the horizontal/vertical location, focusing and clock of pictures (only for vga signals)
				Auto color		Adjust the white balance of pictures (only for vga signals)
		Volume				Set the audio Volume
Reset		NONE	NONE	YES	YES	Reset to factory setup
				NO	NO	Exit from this function
				Return		Return to the previous menu
				Exit		Exit from the whole menu
Exit		NONE	NONE	NONE	NONE	Exit from the whole menu

Note: The functions may be adjusted due to specific model or the upgrade of software version. The physical model shall govern.

VI. FAQ

Faults occurring	Possible solutions
The power indicator light is not on	◆ Check if the power is on. ◆ Check if the power cord is connected.
Impossible plug-and-play	◆ Check if the function of plug-and-play of the device is compatible with PC. ◆ Check if the display card is compatible with the plug-and-play function. ◆ Check if the signal line 15 pin d joint bent
Dimming picture	◆ Adjust brightness and contrast.
Flickering picture or picture with ripples	◆ There may be electrical appliances or equipment with electronic disturbance.
The power indicator light is on (flickering), but the monitor has no pictures.	◆ Check if the PC power is on. ◆ Check if the PC display card is inserted properly. ◆ Check if the signal cable of the monitor is correctly connected with the PC. ◆ Check the signal cable plug of the monitor and make sure every pin has no bending. ◆ Observe the indicator light by pressing the Caps Lock key on the PC keyboard and check if the PC is working.
Color shortage (red, green and blue)	◆ Check the signal cable of the monitor and make sure every pin has no bending.
Picture with color difference (white looks not white)	◆ Adjust RGB color or reselect color temperature.
Screen font blur under VGA signal	◆ Select the "E" to automatically adjust the image.
Screen color error under VGA signal	◆ Select “Auto color" in OSD to correct under the white output screen.

VII. Product Specifications

Diagonal dimensions	Picture aspect ratio	Picture dimensions (mm)	Dot distance (mm)	Optimal resolution
47cm(18.5")	16:9	409.8*230.4	0.3	1366*768@60Hz
48.3cm(19")	16:10	408.2*255.2	0.283	1440*900@60Hz
49.5cm(19.5")	16:9	433.9*236	0.27	1600*900@60Hz
49.5cm(19.5")	16:9	434*235.8	0.317	1360*768@60Hz
49.6cm(19.53")	16:9	434.88*238.68	0.22	1920*1080@60Hz
55cm(21.5"FHD)	16:9	476.64*268.11	0.248	1920*1080@60Hz
58.4cm(23")	16:9	509.2*286.4	0.265	1920*1080@60Hz
60cm(23.6")	16:9	521.3*293.2	0.271	1920*1080@60Hz
60.45cm(23.8")	16:9	527.04*296.46	0.2745	1920*1080@60Hz
Ambient temperature	Storage temperature		-20℃ to 60℃	
	Working temperature		0℃ to 40℃	
Humidity	RH for operation		20% to 80%	

Remark: When the resolution are 2560*1440@60Hz/3440*1440@60Hz/ 1920*1080@144Hz/2560*1440@144Hz/3840*2160@30Hz connection via DVI port, pls choose 24+1 pin double - channel DVI cables.

Note: The actual application of the above parameters shall be subject to the specific model.

VIII. Table of Product Preset Modes

		Preset resolution/Refresh rate									
Display dimensions	Aspect ratio	720x400 (70Hz)	640x480 (60/75/ 72.8Hz)	800x600 (60/72 /75Hz)	1024x768 (60/70 /75Hz)	1280x1024 (60/75Hz)	1366x768 (60Hz)	1440x900 (60Hz)	1600x900 (60Hz)	1680x1050 (60Hz)	1920x1080 (60Hz)
18.5"	16:9	O	O	O	O	X	O	X	X	X	X
19"	16:10	O	O	O	O	O	X	O	X	X	X
19.5"	16:9	O	O	O	O	X	X	X	O	X	X
19.5"	16:9	O	O	O	O	X	O	X	X	X	X
19.53"/ 21.5"/23" /23.6"/ 23.8"	16:9	O	O	O	O	O	X	O	X	O	O

Note: “O” indicates the corresponding resolution/refresh rate is supported.
“X” indicates the corresponding resolution/refresh rate is not supported.

Note: The actual application of the above parameters shall be subject to the specific model.

封面157G铜版纸，过光膜彩色印刷
内页80G书写纸,黑白印刷

物料号码	4004-0304-01		
厂内型号	F238M	厂外型号	24S2
物料名称			
颜色		日期	2022-9-9
规格	145*210mm		
要求			
版本	V1.0	设计	
确认		核准	