

User Manual
KOORUI Monitor

Product Manual

MODEL 27E6QCA

Display	
Screen Form	Curverd 1500R, VA
Screen Size	27 Inches
Response Time	GTG 1ms（OD：5/3/1）
Display Color	1.07billion Colors(8+FRC)
Aspect Ratio	16: 9
Perspective(typ.)	300cd/m2
Resolution	2560*1440
Pixel Distance	0.2331 mm x 0.2331 mm
Maximum Refresh Rate	180HZ
Viewing Angle（Horizontal/Vertical）	178°/178°
Static Contrast Ratio	4000:1
Dynamic Contrast Ratio	20000000:1
Color Gamut	DCI-P3 90%
Features	
Output Model Type	Digital Signal
Language	English, Chinese, German,Japanese, Italian, French (optional)
Eye Saver Mode	YES
Monitor Bracket	Detachable
Wall-hanging Hole Size	100mm×100mm
Output:Audio / Headphone（3.5mm）	1
Free Sync	YES
Timer	YES
Physical Properties	
Power Type	Adapter
Input Current	AC 100-240V, 50/60HZ
Power consumption	Boot≤48W; Sleep≤0.5W
Product 3D Display	
With Stand	611.5×468.8×229.2 mm, 24.07×18.46×9.02 inch
Without stand	611.5×364.1×90.1 mm, 24.07×14.33×3.55 inch
Packaging Dimension	682×139×446 mm, 26.85×5.47×17.56 inch
Weight	
Product Weight (with stand)	4.22KG, 9.3 lbs
Gross Weight	5.9KG, 13.01 lbs
Inputs	
DP 1.4	1
Audio Interface	1
HDMI 2.0	2
Use Environment	
Working Temperature	0-40℃
Storage Temperature	-20~60℃
Working Humidity	10%~80%
Storage Humidity	5%~95%
Altitude	Below 5000m

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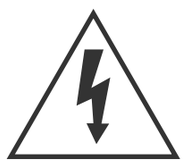
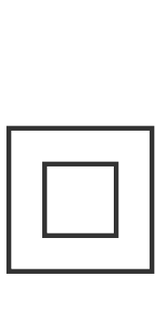
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Chapter I Attention

1.1 Safety Precautions

Warning A serious or fatal injury may result if instructions are not followed.
Caution Personal injury or damage to properties may result if instructions are not followed.

RISK OF ELECTRIC SHOCK. DO NOT OPEN			
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO PROFESSIONAL.			
	This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.		AC voltage: Rated voltage marked with this symbol is AC voltage.
	This symbol indicates that this product has included important literature concerning operation and maintenance.		DC voltage: Rated voltage marked with this symbol is DC voltage.
	Class II product: This symbol indicates that a safety connection to electrical earth (ground) is not required. If this symbol is not present on a product with a mains lead, the product MUST have a reliable connection to protective earth (ground).		Caution. Consult instructions for use: This symbol instructs the user to consult the user manual for further safety related information.

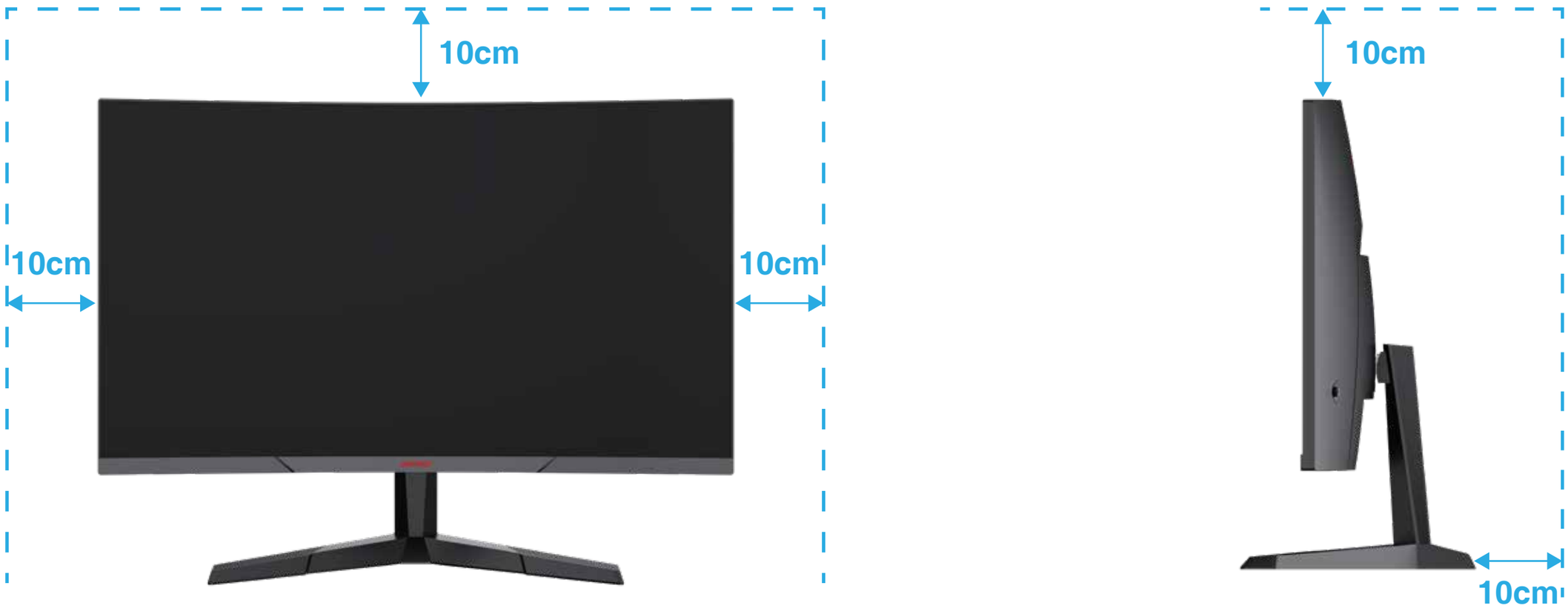
1.2 Storage Precautions

- Keep away from water sources or damp places, such as bathrooms, kitchens, basements, swimming pools, etc.
- Ensure that the equipment is installed and placed smoothly. If it falls, it may cause human injury or equipment damage.
- Store in a cool, dry and ventilated place, and do not approach radiation sources and heat sources.
- Do not cover or plug the ventilation holes in the back shell, and do not use them on beds, sofas, blankets or similar surfaces.

- The power supply voltage range of equipment operation is indicated on the label of the back shell. If the supplied voltage cannot be determined, consult the local power company.
- When the monitor is not used for a long time, please cut off the power supply to prevent the damage of the motor and abnormal power supply voltage in thunderstorm days.
- Do not overload the socket, which may cause fire and electric shock.
- Please do not put foreign bodies into the machine, which may cause short circuit or cause fire and electric shock.
- Please do not disassemble or repair this product by yourself. If there is any fault, please contact the after-sales service personnel directly.
- Please do not pull or twist the power cord excessively.

1.3 Securing the Installation Space

Make sure to have enough space for ventilation when placing the product. An internal temperature rise may cause fire and damage the product. Maintain enough space around the product as shown in the diagram when installing the product.



1.4 Protection Recommendations:

Suggestions for eyes

In order to avoid eye fatigue and pain in neck, arms, back and shoulders caused by long-term use of the monitor, please pay attention to the following points:

- Place the monitor 20-28 inches away from both eyes (about 50-70cm).
- Use the monitor to keep the eyes moist or increase the blinking frequency.
- After using the monitor for 2 hours, please rest for 20 minutes.

- When resting, leave your eyes away from the monitor and look at the distance for 20 seconds.
- When resting, stretch or relieve your neck, arms, back and shoulders.

Low blue light description

The blue light wavelength is in the blue light band, and the display has the function of reducing blue light emission. Can select "eye protection mode" in the menu to protect your eyes.

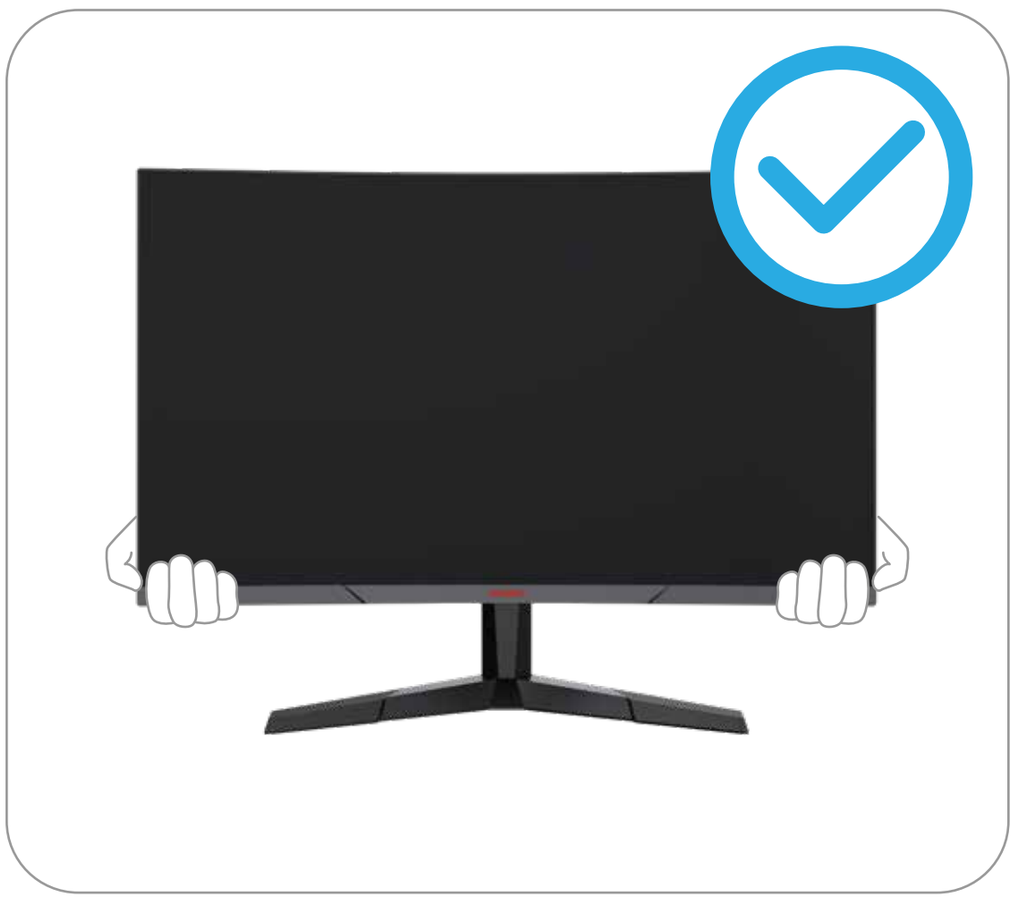
Cleaning your monitor

To clean your screen, lightly dampen a soft, clean cloth with water. If possible, use a special screen-cleaning tissue or solution suitable for the anti static coating. Do not use benzene, thinner, ammonia, abrasive cleaners or compressed air.

1.5 Precautions for Moving the Product

- Do not directly apply pressure on the screen.
- Do not hold the screen when moving the product.
- Hold the lower corners or edges of the product when moving it.

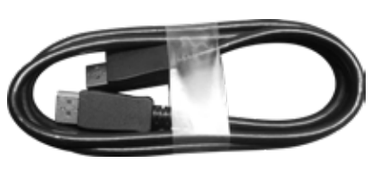




Chapter Ⅱ Preparation Before Use

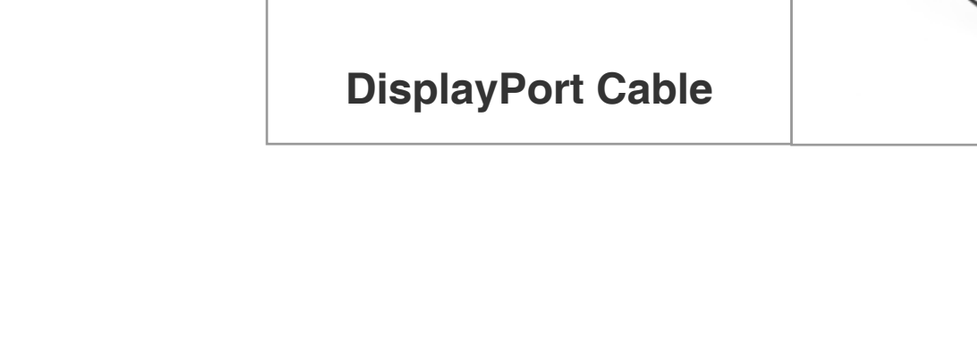
2.1 Accessories:

Your monitor is equipped with the following components. Please check whether all parts have been received. If there are any omissions, please contact Koorui.

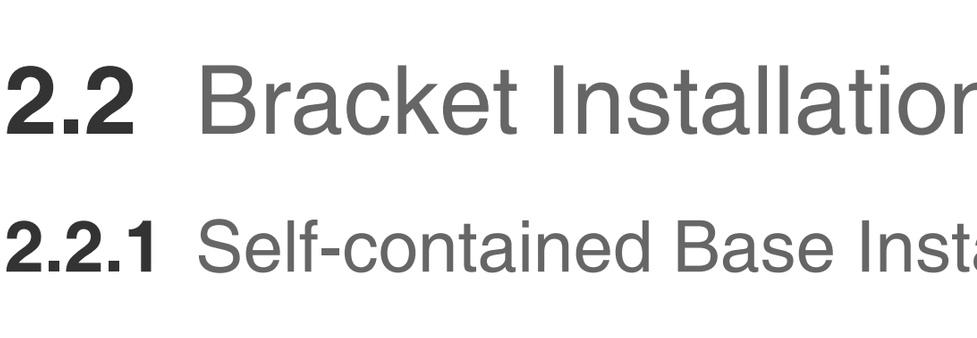
 **Monitor**	 **Stand neck**	 **Base**
 **DisplayPort Cable**	 **Adapter**	 **User Manual**

2.2 Bracket Installation

2.2.1 Self-contained Base Installation



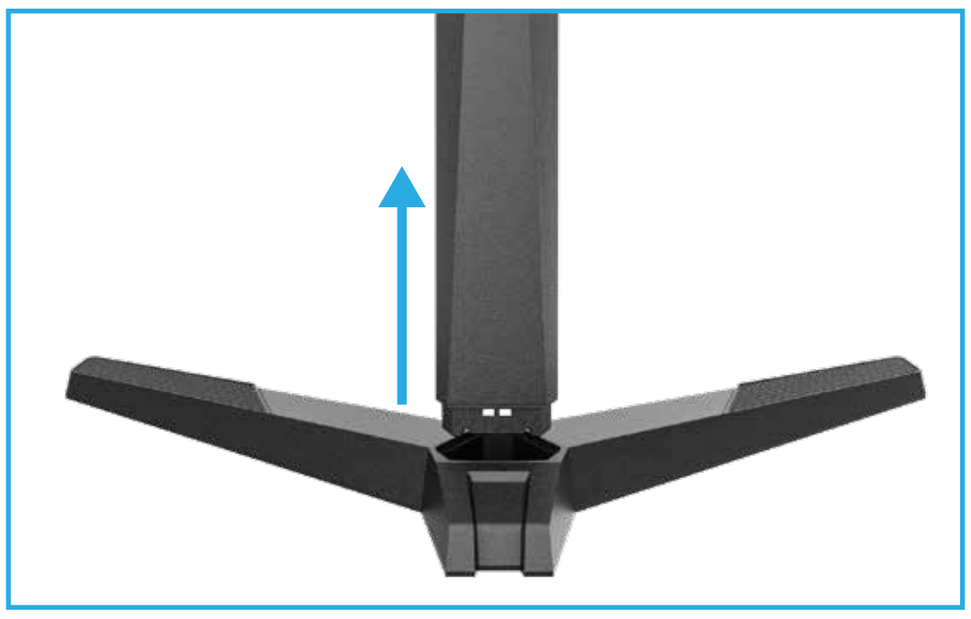
Put a soft cloth on the table to protect the product (or use the foam vinyl that comes with the product packaging), and place the product face down on the soft cloth.



Push the column into the main body of the monitor in the direction indicated by the arrow;



Check whether the bracket and the main body are firmly connected;



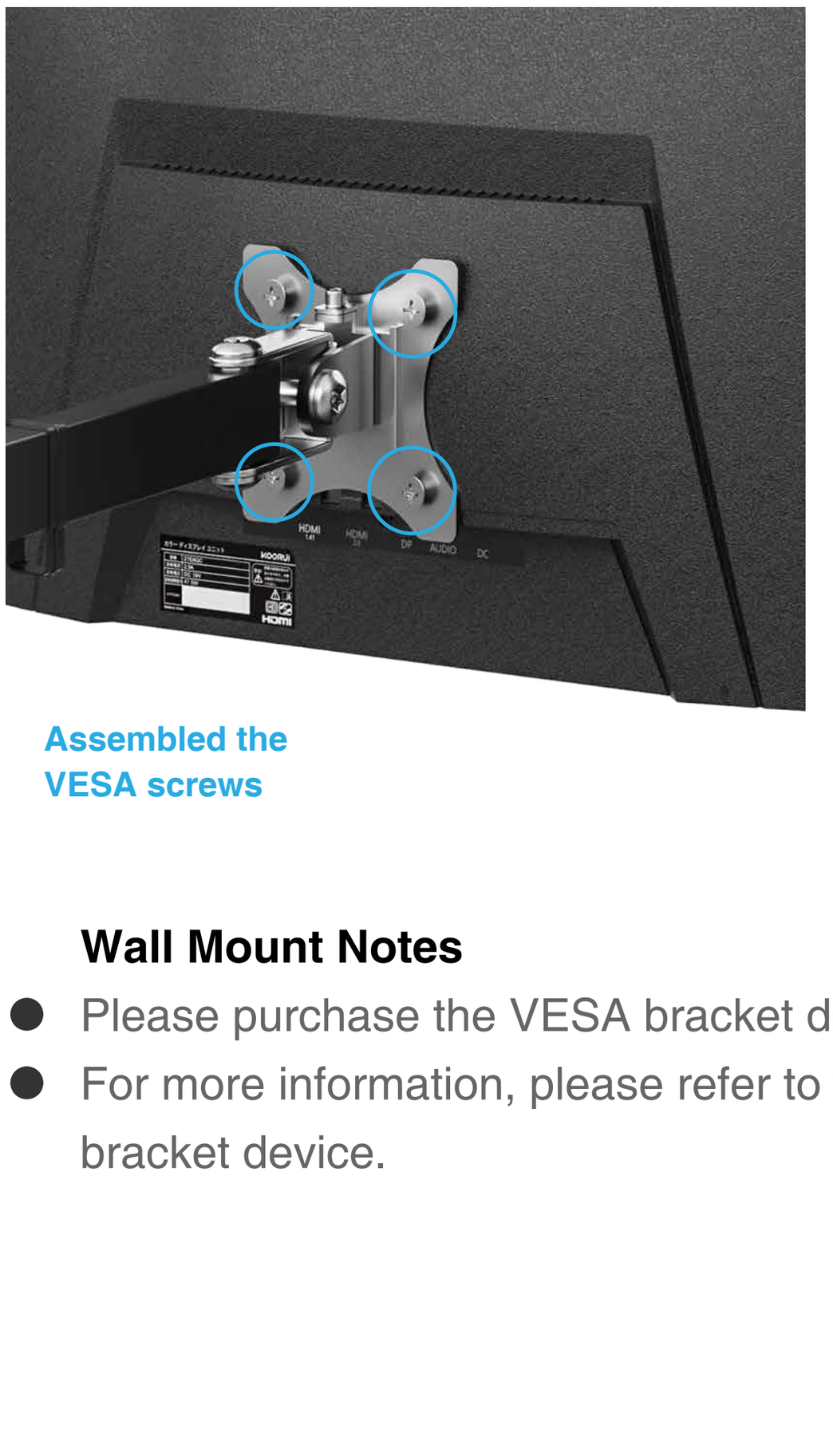
Insert the base into the column according to the direction shown in the figure;



Check whether the base and the column are firmly connected, and place the installed product on a stable platform according to figure 1.5 - monitor pick-and-place method.

2.2.2 VESA Bracket Installation

- WARNING: Wall mounting screws require M4 screws , the length should not exceed 8mm， avoid damage to the product due to excessive length



Assembled the VESA screws



VESA support 100x100mm

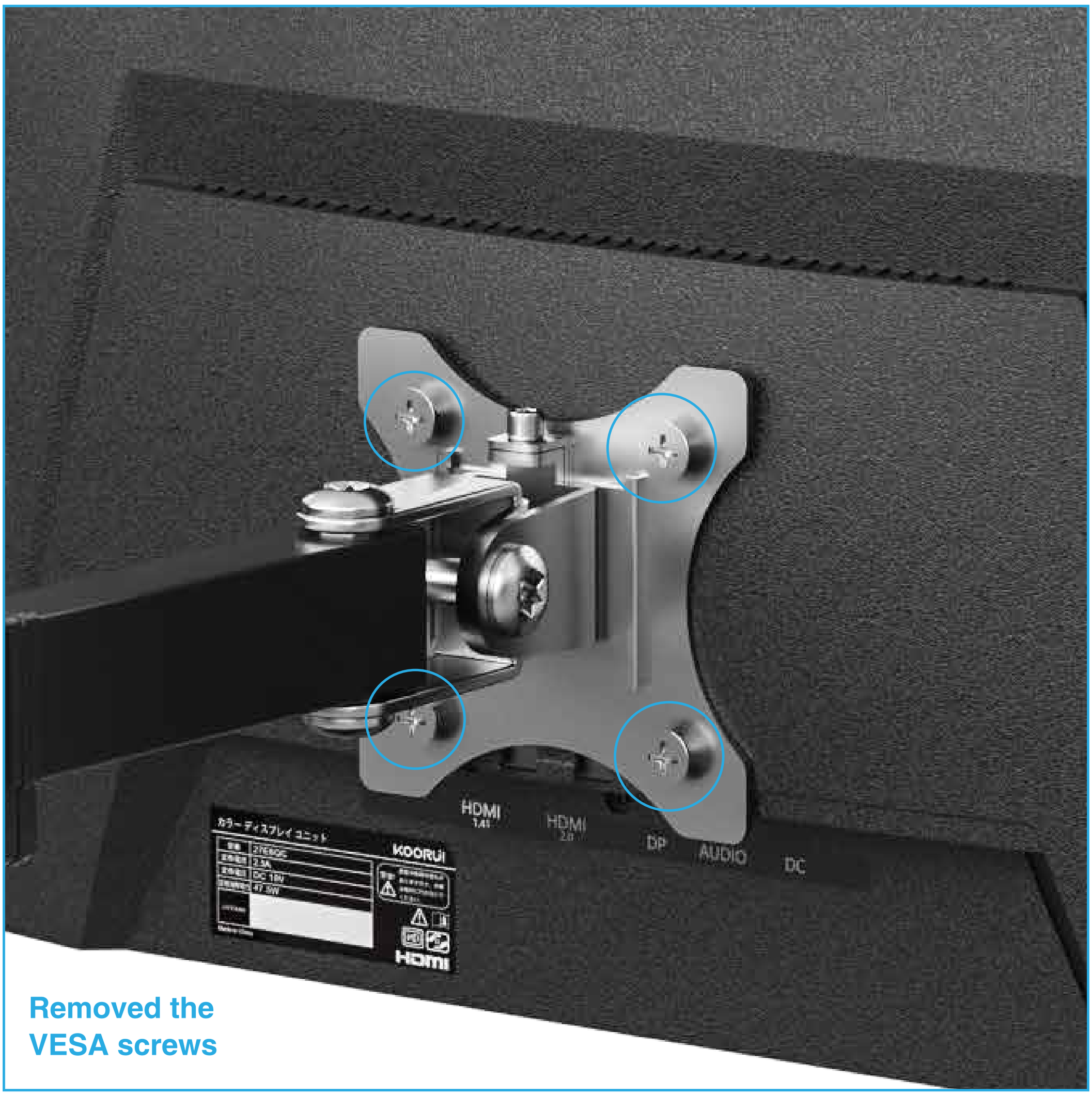
Wall Mount Notes

- Please purchase the VESA bracket device separately.
- For more information, please refer to the user guide provided with your VESA bracket device.

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2.3 Monitor Disassembly

2.3.1 VESA Bracket Removal Diagram



Removed the VESA screws

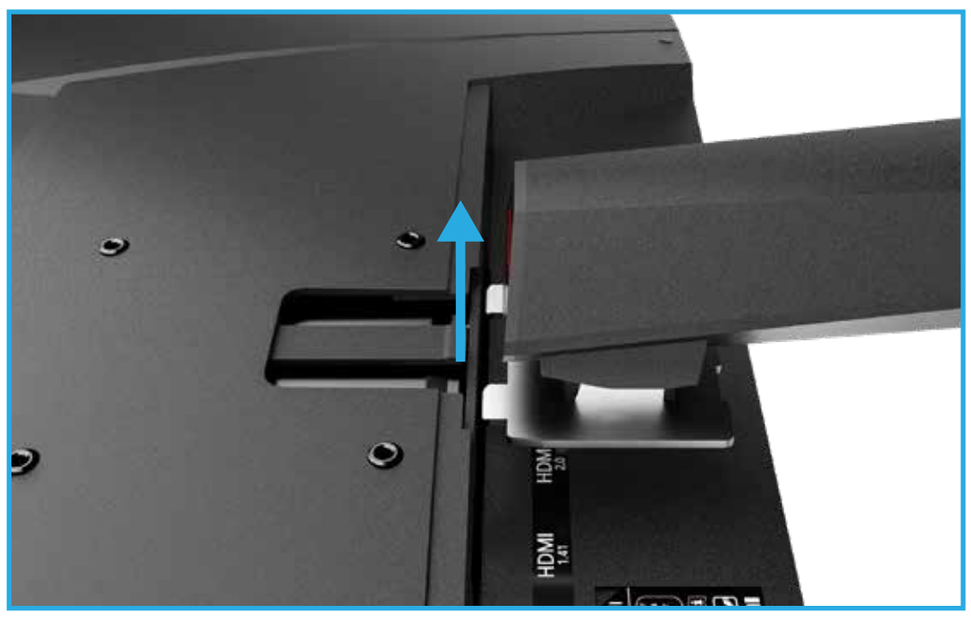
- Just remove the screws as shown in the figure. During the process of removal, please avoid the monitor from falling;
- Please follow figure 1.5 (operation of protecting the monitor) to pick and place the monitor,

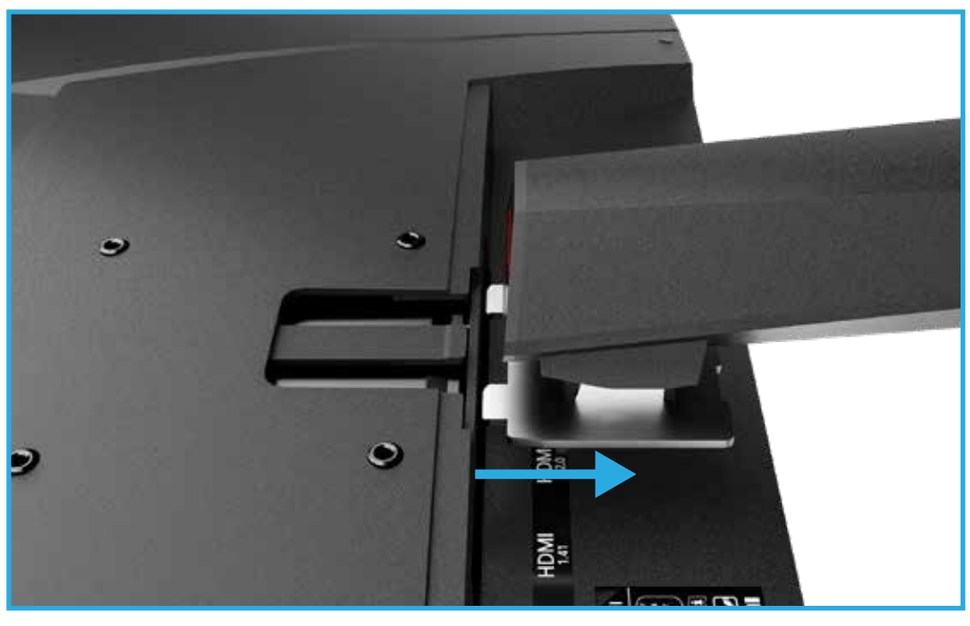
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2.3.2 Monitor Holder removal



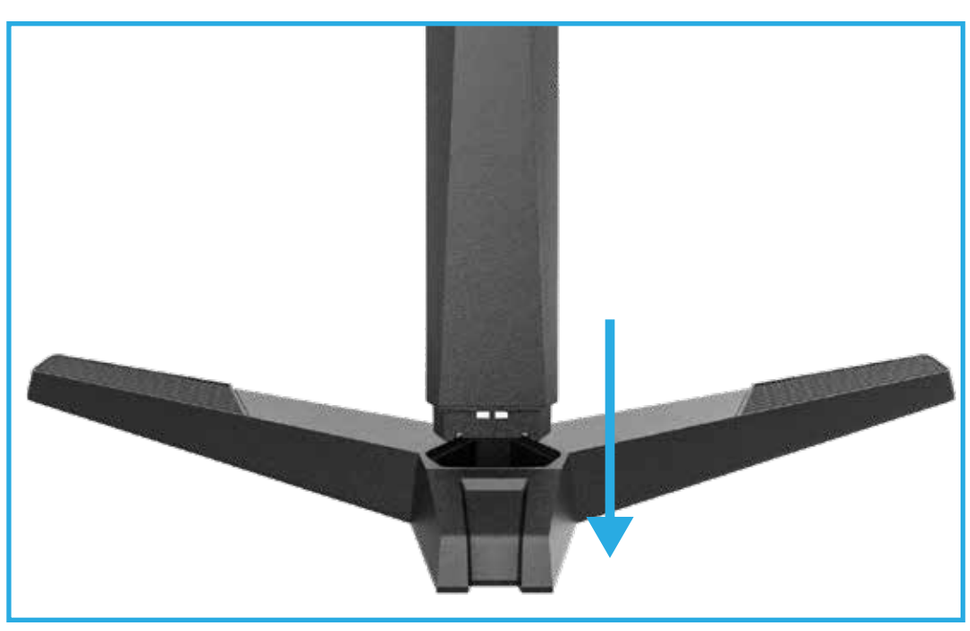
Place the foamed polystyrene (Mat) in the package on the floor and place the product face down on the foamed polystyrene as shown. If you don't have styrofoam, use a thick cushion.





Hold down the "PUSH" button and exit the column assembly according to the operation direction in the figure;





Pre-press the hook and separate the column according to the direction shown in the figure;

2.4 Interface Description



Interface	Description of interface
HDMI 1 HDMI 2	Use HDMI cable to connect to your PC.
DP	Use DP cable to connect to your PC.
	Connect to audio output devices that support 3.5 mm headphones. Note: DVI and VGA do not support audio transmission.
	Connect to the DC power cord.

Connecting and using a PC

- Choose the connection method that suits your PC.
- Different products may have different connecting parts.

- DP1.4 interface supports 2560×1440,180Hz; HDMI 2.0 supports 1920×1080, 180Hz, or 2560×1440, 144Hz. Please choose the connection method you need.
- The HDMI cable has 1.4 and 2.0 sizes, and the dock has a support port-type version. Please consult with the dealer whether the interface with this product match.

Connect and use the source device.

Read the following before installing the product.

- Before installing, please check the shape of the two ports of the attached signal cable and the shape and location of the ports on the product and external equipment.
- Before connecting the signal lines, be sure to connect from the product and the external equipment to prevent damage to the product due to short circuits or over-current.
- Connect the power cord back to the product and external equipment after properly connecting all the signal wires.
- After the installation, please be sure to read the user guide to familiarize with the correct use of products required products' features, cautions, and other information.

As for the operation and use of the source device, please read the user guide provided by the source device. If the original device signal is abnormal, it is recommended to contact the source device manufacturer first.

If you need Koorui's assistance, please contact Koorui's after-sales staff.

2.5 Adjust Product Inclination

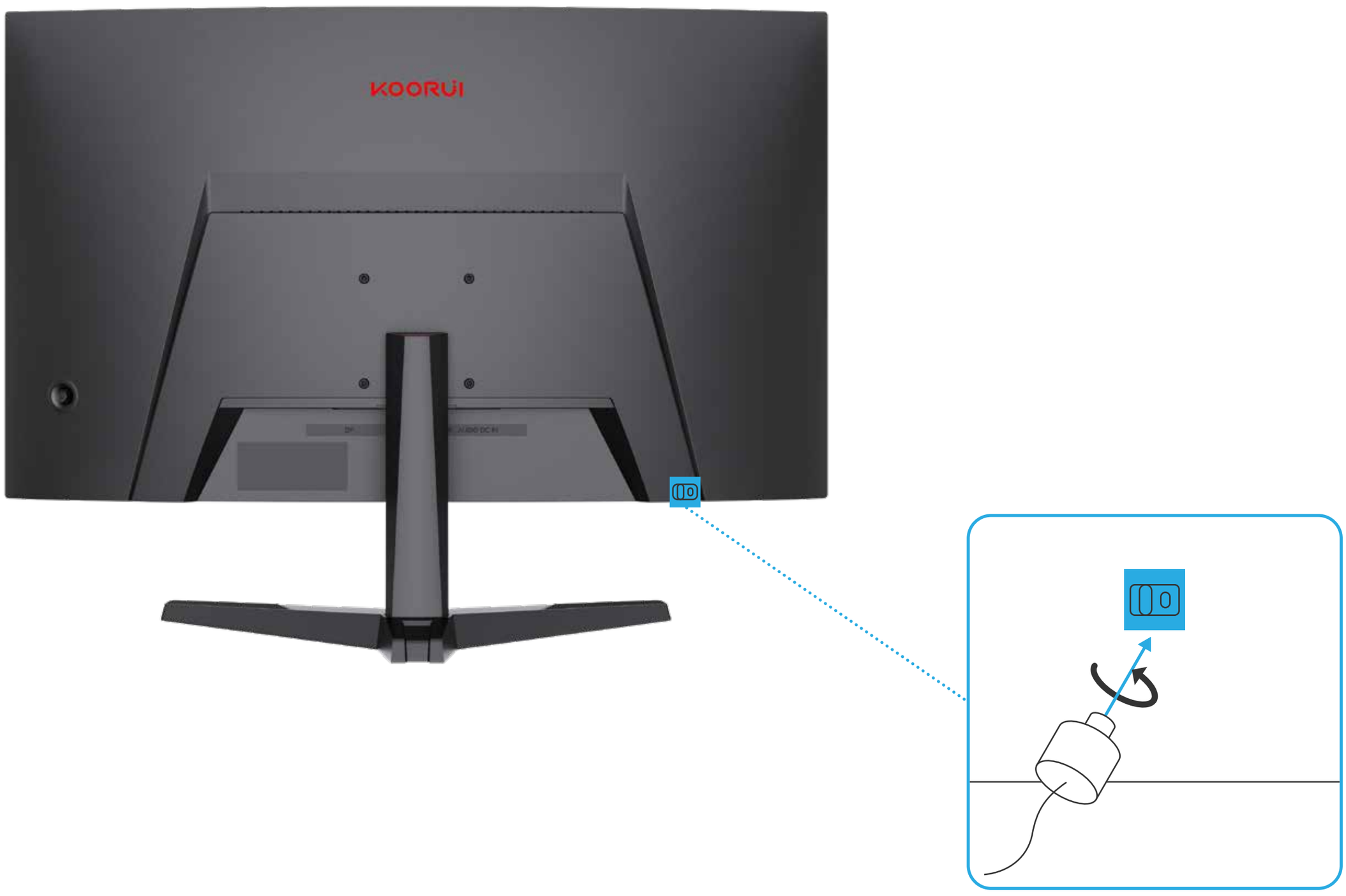


Adjustable display with tilt from -5°~15°

2.6 Anti-theft Lock

Anti-theft lock is an anti-theft device that allows users to lock the product so as to use the product safely in public places.

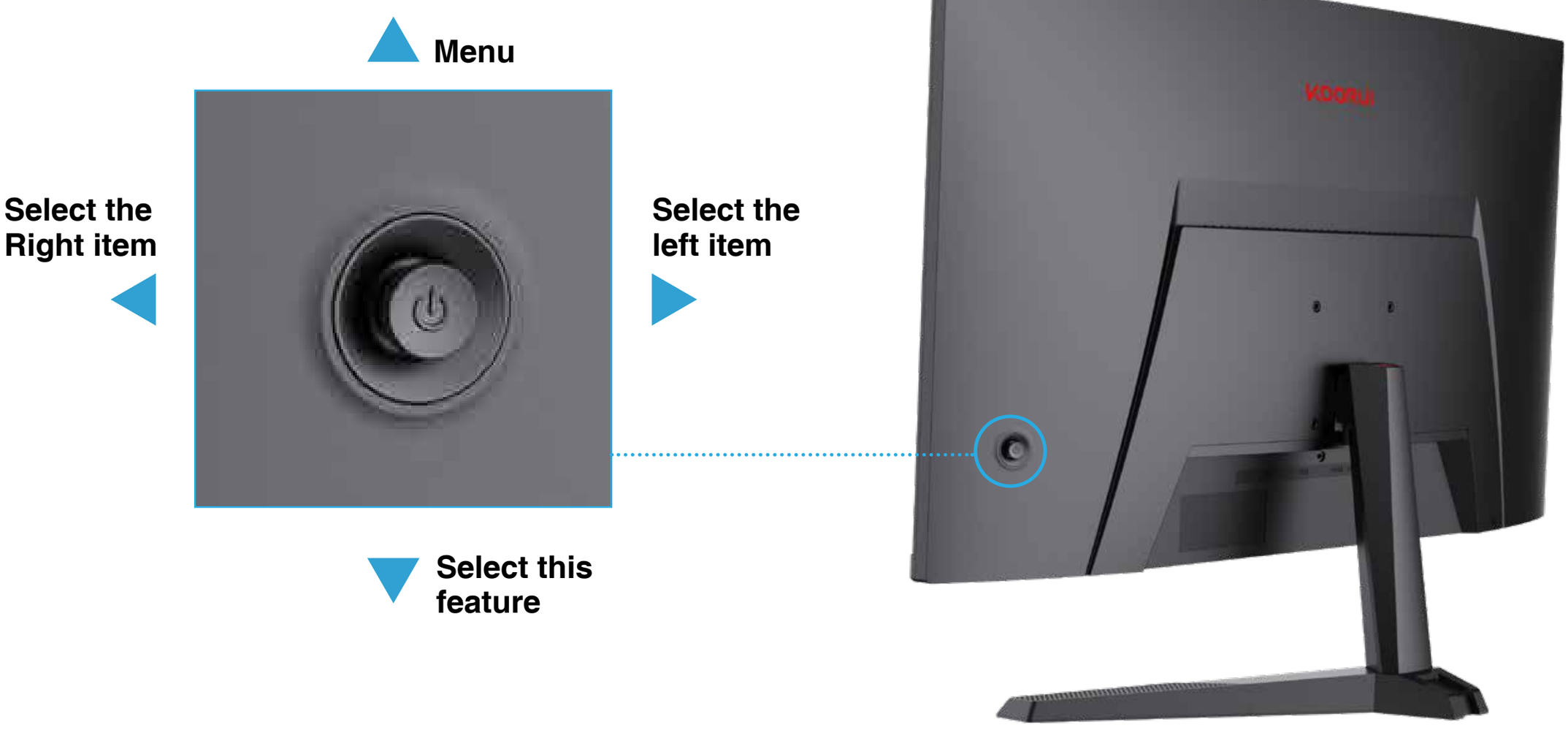
To lock an anti-theft locking device:



- Please buy the anti-theft lock device separately yourself.
- For more information, please refer to the user guide provided with your anti-theft lock device.

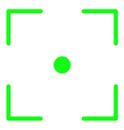
Chapter Ⅲ OSD Function

The OSD function information table of this product is as follows. If there is any question about the operation process, please contact Koorui customer services.



▲	**Menu**	Press this button to display the main menu, return to the previous menu or exit the main menu.
◀	**Left**	When the menu is opened , press this button to select the left item, and the value of the progress bar will decrease. When the menu is closed, act as the specified shortcut volume mode hotkey.
▶	**Right**	When the menu is opened, press this button to select the right item, and the value of the progress bar will increase. When the menu is closed, act as the specified shortcut volume mode hotkey.
▼	**Fix on**	If the menu is active, pressing this key selects the function: When the menu is closed, act as the specified shortcut Crosshair mode hotkey.
⏻	**Power button**	Press it to turn on/off the monitor.
▭	**Power LED**	Remains on : normal working state ; Flashes : power-saving standby state.

First order menu	Secondary menu	Tertiary menu	Description
Display	Brightness	0 50 100	You can adjust the brightness of the monitor by pressing the left/right button -/+.
	Contrast	0 50 100	You can adjust the contrast of the monitor by pressing the left/right button -/+.
	DCR	ON OR OFF	The brightness and contrast of the monitor can be controlled automatically to balance the brightness and darkness of the whole picture.
Language	Chinese	/	The OSD language is Chinese.
	English	/	The OSD language is English
	French	/	The OSD language is French
	German	/	The OSD language is German
	Italian	/	The OSD language is Italian
	Japanese	/	The OSD language is Japanese
Game mode	OD mode	ON OR OFF	ON: Turn On; OFF: Turn Off Turn on Acceleration Mode
	FreeSync Premium	ON OR OFF	Turn on freesync (requires source device support, please turn on the monitor before use.)
	MPRT	ON OR OFF	Turn on MPRT mode, it will respond quickly for 1 ms.)

	Crosshair	 Crosshair 1	Confirm to use this crosshair graphic sight. (requires source device support)
		 Crosshair 2	Confirm to use this crosshair graphic sight. (requires source device support)
		 Crosshair 3	Confirm to use this crosshair graphic sight. (requires source device support)
		 Crosshair 4	Confirm to use this crosshair graphic sight. (requires source device support)
		 Crosshair 5	Confirm to use this crosshair graphic sight. (requires source device support)
		 Crosshair 6	Confirm to use this crosshair graphic sight. (requires source device support)
	Timer	 30	Select and turn on the 30-minute timer. (There will be a countdown in the upper left corner)
		 40	Select and turn on the 40-minute timer. (There will be a countdown in the upper left corner)
		 50	Select and turn on the 50-minute timer. (There will be a countdown in the upper left corner)
		 60	Select and turn on the 60-minute timer. (There will be a countdown in the upper left corner)
		 90	Select and turn on the 90-minute timer. (There will be a countdown in the upper left corner)
		 OFF	Turn off the timer

Preset Mode	Standard	/	turn on Standard mode.
	Movie	/	turn on Movie mode.
	FPS	/	turn on FPS mode.
	RTS	/	turn on RTS mode.
	Eye Saver	/	turn on eye protection mode.
Color temperature	Cool	/	Set the screen color temperature to cool.
	Warm	/	Set the screen color temperature to warm.
	User Settings	R	Fine-tune the red saturation level. The closer a value is to 100, the stronger the color.
		G	Fine-tune the blue saturation level. The closer a value is to 100, the stronger the color.
		B	Fine-tune the green saturation level. The closer a value is to 100, the stronger the color.
	DCI-P3	/	Limit colors to the DCI-P3 color gamut range
Aspect Ratio	AUTO	/	Automatically find input source after selection

	16 : 9	/	Select a 16:9 aspect ratio to display the image of the sub-screen.
	4 : 3	/	Select a 4:3 aspect ratio to display the sub-screen image. Suitable for video and standard broadcasting.
Input Source	HDMI 1	/	Select HDMI 1 signal input (HDMI 1.4 interface)
	HDMI 2	/	Select HDMI 2 signal input (HDMI 2.0 interface)
	DP	/	Select the DP signal input
Other	Timing Shutdown	ON OR OFF	Turn on the scheduled shutdown: After the monitor enters the hibernation state, it will automatically turn off the monitor after 1 minute
	Gamma	Gamma 1	Adjust Hue Brightness, Grayscale 1
		Gamma 2	Adjust Hue Brightness, Grayscale 2
		/	You can adjust the Audio OUT volume of your monitor by pressing the left and right buttons-/+ ;
Reset	YES OR NO	/	Besides language, you can reset other option settings to restore factory settings.
Exit	/	/	Exit OSD menu.
/	Return	/	Return to the previous menu. (This selection only appears in the second/third-order settings.)

Cautions:

- It's best to set response time and mode to standard when you're not watching a movie or playing a game.
- Under dynamic contrast, the brightness and contrast cannot be adjusted.
- Under FREESYNC, the image ratio and MPRT cannot be adjusted.
- In Standard mode, you will get the clearest display effect. Meanwhile, you can adjust according to your preferences.
- In cinema mode, eye protection mode, RTS mode and FPS mode, the dynamic contrast mode (DCR) will be switched automatically, and the brightness and contrast can not be adjusted;
- In Eye Protection mode, the color temperature cannot be adjusted.
- In MRPT mode, OD acceleration cannot get started;
- If you have any other questions, you can consult Koorui customer service.

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Chapter Ⅳ Common Applications

4.1 Resolution and Refresh Rate Setting

4.1.1 Resolution settings

Windows : Windows Settings > System > Screen > Display Resolution
MAC : MAC System Preferences>Monitor>Optimization>Scaling

4.1.2 Refresh rate setting

Windows : Windows Settings > System > Screen > Advanced Display Settings > Refresh Rate
MAC : MAC System Preferences>Monitor>Refresh Rate

4.2 Monitor Extension Application

Screen extension function settings
Windows : Windows Settings > System > Screen > Multiple Display Settings > select“Extend This Monitor”
MAC : MAC System Preferences>Monitor>Arrangement>Mirror Display

4.3 Display Sound Settings

HDMI, DP sound effect selection;
Windows : Windows Settings > System > Sound > Output > select“Output Settings
MAC : MAC System Preferences>Sound>Output

4.4 Display Orientation Settings

Windows : Windows Settings > System > Screen > Display Orientation
MAC : MAC System Preferences>Monitor>Optimization>Rotate

Chapter V Q&A

- The following table lists some common monitor problems that you may encounter and their solutions.
- If you can't solve your difficulties, please contact Koorui customer services.
- Official website: http://www.koorui.net/
- E-mail: support@koorui.net

All four sides of the screen appear blank when using an HDMI cable or DP cable to connect the product and PC.	The blank that appears on the screen has nothing to do with our product. The blank on the screen is caused by a PC or graphics card. Please adjust the screen size in your graphics card's HDMI or DVI settings to resolve this issue. If the graphics card settings menu does not have the option to resize the screen, please update the graphics card driver program to the latest version. (Contact your graphics card or PC manufacturer for more details on adjusting your screen.)
The power LED goes out. The screen won't turn on.	Check if the power cord is connected correctly. If there is a problem with the monitor screen, run a self-diagnostic to check that the monitor is working properly.
Display "Over Frequency"	This message appears when the signal from the graphics card exceeds the maximum resolution or frequency of the product.
The images on the screen look distorted.	Check the cable connection to the product.
The screen is not clear or blurry.	Remove all accessories (video extension cord, etc.) and try again. Set the resolution and frequency to the recommended level.
The screen is unstable and shaky. There is a shadow or ghosting on the screen.	Check if the resolution and frequency of the PC are within the range of the resolution and frequency that compatible with the product. Next, change the settings if needed.
The screen is too bright, while the image is too dark.	Adjust the brightness and the contrast.
The screen colors do not match. Colors on the screen are shaded and distorted. The white color doesn't look really white.	Change the Color Settings.
There is no image on the screen, and the power LED flashes every 0.5 to 1 second.	The product runs under the power-saving mode; Press any key on the keyboard or move the mouse to get back to the normal operating mode; Use the Caps Lock on your PC keyboard to see if your computer is operating or rebooting your device.

The video played intermittently.	The play of large high-definition video files can be spotty. This may be because the video player is not optimized for PC resources. Try playing the file on another video player.
No sound.	You will not hear the sound if you connect an input device with an HDMI-DVI cable. Please use an HDMI cable or a DP cable to connect the device. Re-check the condition of the connected audio cable and/or adjust the volume. Check the volume. Check if the audio is set to silent. Monitor sound output is not set, refer to 4.3
Volume is too low.	Adjust the volume.
Video is available, but no sound.	If you connect the input device with an HDMI-DVI cable, then there will be no sound to be heard. Please connect the device with an HDMI cable or DP cable. Monitor sound output is not set, please refer to 4.3.
An energy efficiency prompt appears on the monitor or there shows "XXS Power" "XXS Power" on the top left corner.	It’s because the product you buy and sell is a European product, which should comply with the European energy efficiency requirements.
Monitor quickly goes dark (no display).	In the power setting state, the monitor shuts down for a short time; Windows Settings > System > Power and Sleep > Screen > Please reset the time.
There is a shadow or ghosting on the screen.	Open OD acceleration.
Can’t adjust the brightness and the contrast.	1. Check if the HDR/eye protection/DCR automatic/cinema/FPS/RTS mode is turned on. In this mode, the brightness/contrast will automatically adjust and cannot be adjusted manually. It is recommended to turn this mode off and switch to the standard mode by default; 2. The monitor can be restored to factory settings through the OSD button; Tap Key M to wake up the menu > Reset > YES.
The resolution is only 1920*1080, and the refresh rate is only 60HZ.	1. In the safe mode of the host, the resolution cannot be adjusted, please return to safe mode; 2. HDMI 1.4 only supports 1K 144HZ, 2K 60HZ; it is recommended to replace HDMI 2.0 interface or DP interface;

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