User Manual
KOORUI Monitor

KOORUI

Product Specification

MODEL S3241XO

Basic Parameters		Input	
Screen Form	Flat	VGA	None
Screen Type	OLED	HDMI	HDMI 2.1*2
Screen Size	31.5 inches	DP	DP 1.4*1
Response Time	0.03ms(OD)	Type-C	1(90W)
Aspect Ratio	16:9	USB	USB-A(Gen3.1)*2&USB-B*1
Display Colors	1.07B Colors	Bluetooth	None
Brightness	280cd/m2	WIFI	None
Resolution	3840*2160	LAN (Network Interface)	None
Maximum Refresh Rate	240HZ	Network Interface Controller	None
Viewing Angle	178°/178°	**Outputs**	
Static Contrast Ratio	1500000:1		
Dynamic Contrast Ratio	20000000:1	Audio OUT	1
Color Gamut	DCI-P3 99%	Built-in Speakers	None

Power & Consumption	
Power Type	Adapter
Input	24V11A
Power Consumption	Operating: ≤264W;Standby: ≤0.5W

Accessory List	
Adapter	1 (Cable Length: 1.5m)
Power Cord	1 (Cable Length: 1.2m)
Data Cable	HDMI Cable(Length:1.8m) x 1 DP Cable(Length:1.8m)x1 TYPE-C Cable(Length:1.0m)x1 USB Cable(Length:1.5m) x1
Stand	Column x 1 + Base x 1
User Manual	1
Installation Manual	1

Structural Support	
VESA (mm)	100×100
Security Slot	YES

Physical Dimensions	
With Stand (mm)	719*592*226
Without Stand (mm)	719*417*57
Product Packaging (mm)	985*140*520
Base Dimensions (mm)	225*226
Height Adjustment	110mm
Rotation Adjustment	±90°
Horizontal Adjustment	±20°
Tilt Adjustment	Forward tilt 5°, Backward tilt 20°

Product Weight	
Net Weight (With Stand)	8.30KG
Net Weight (Without Stand)	5.70KG
Packaging Weight	11.70KG

Operating Environment	
Operating Temperature	0-40℃
Storage Temperature	-20~60℃
Operating Humidity	20%~80%
Storage Humidity	5%~95%
Altitude	Up to 5000m

Product Features	
VRR	Adaptive SYNC
Eye Care	YES
Custom Shortcuts	YES
HDR	HDR True Black 400
Available Languages	15 languages

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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. don't 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.

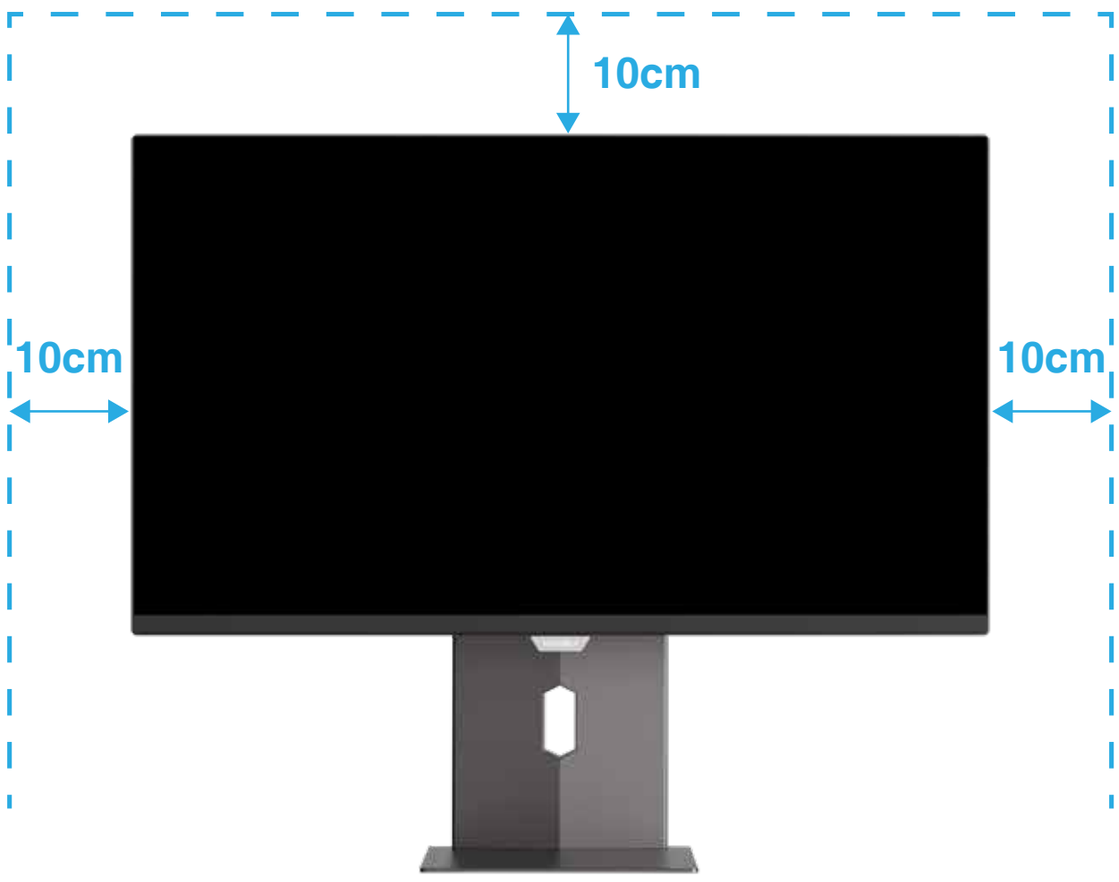
1.2 Storage Precautions

- 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

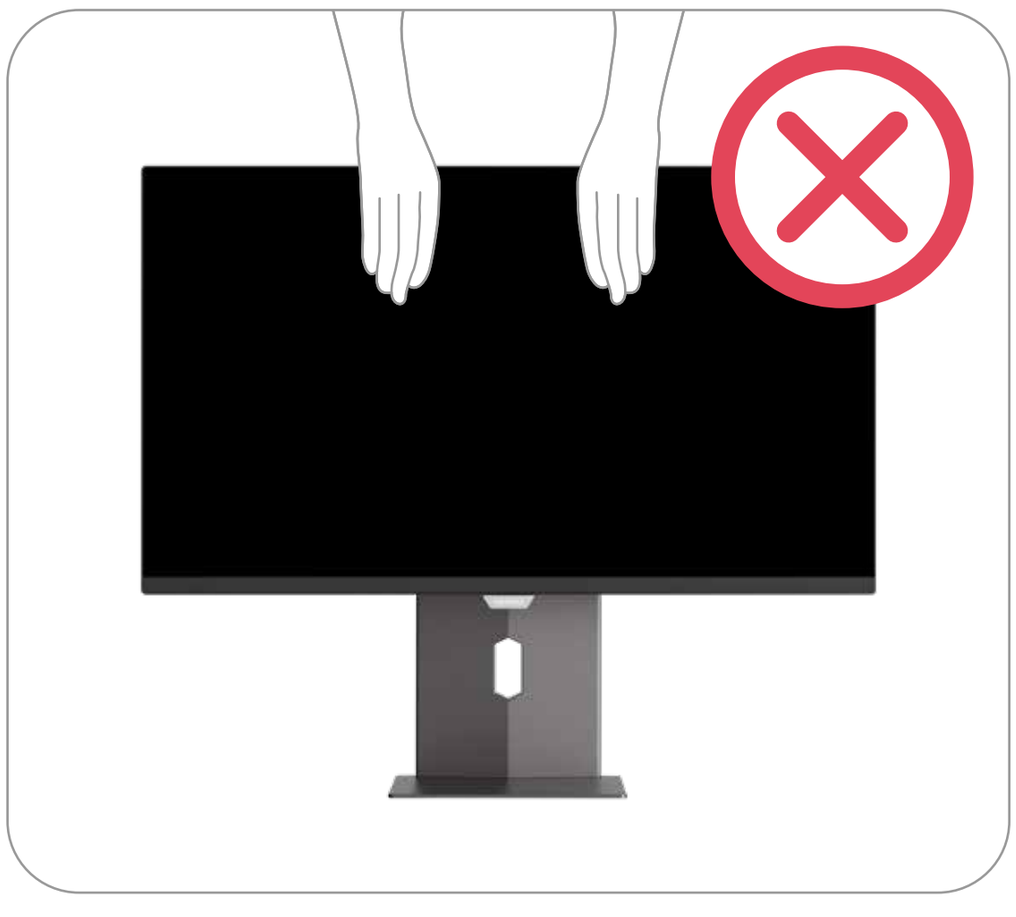
The blue light wavelength is in the blue light band, and the display has the function of reducing blue light emission. Can select "eye protection mode" in the menu to protect your eyes.

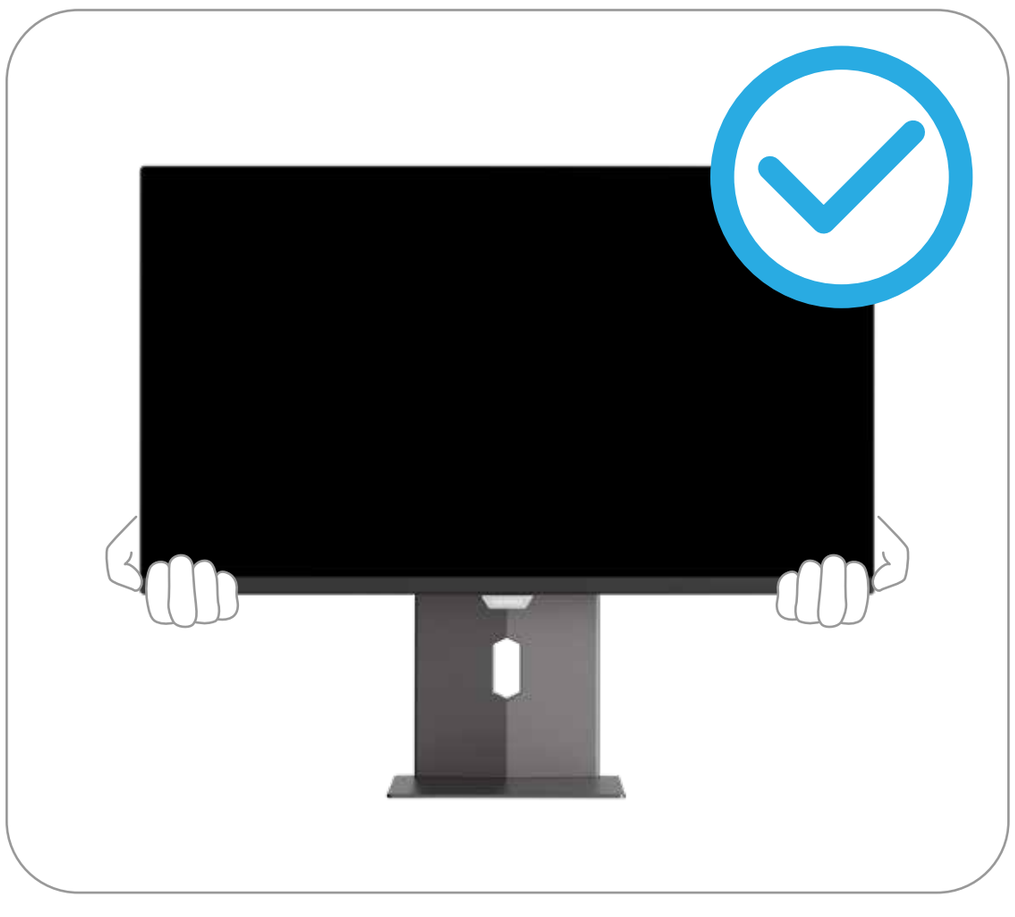
Cleaning your monitor

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 Using

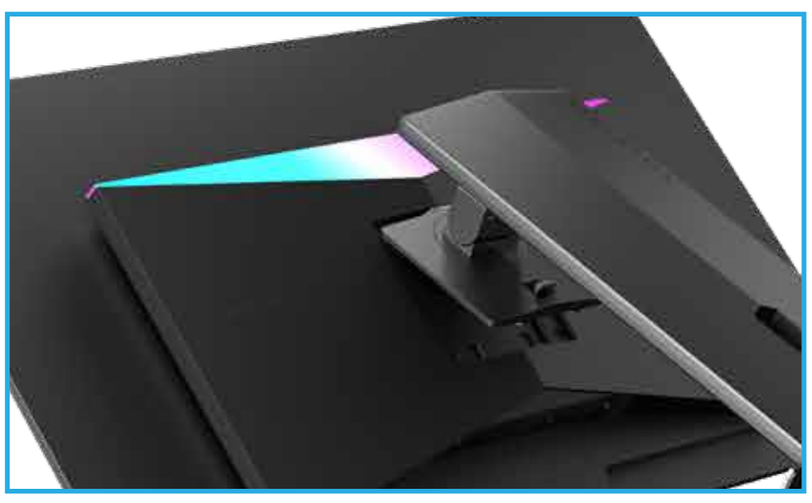
2.1 Product Accessories:

Your monitor comes with the following parts. Please check that all parts have been received and contact Koorui if any of them was missed.

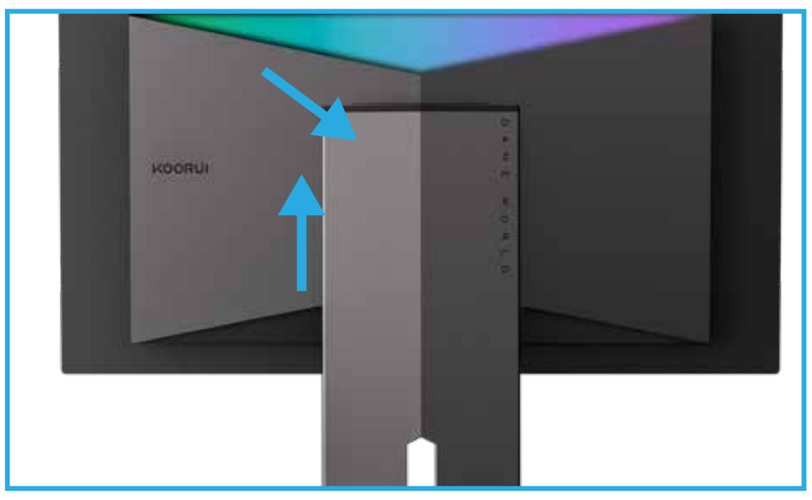
Monitor	Column	Bottom Base	Power cable (length 1.5m)
DP data cable (length 1.5m)	Adapter (length 1.2m)	User Manual	

2.2 Holder Installation:

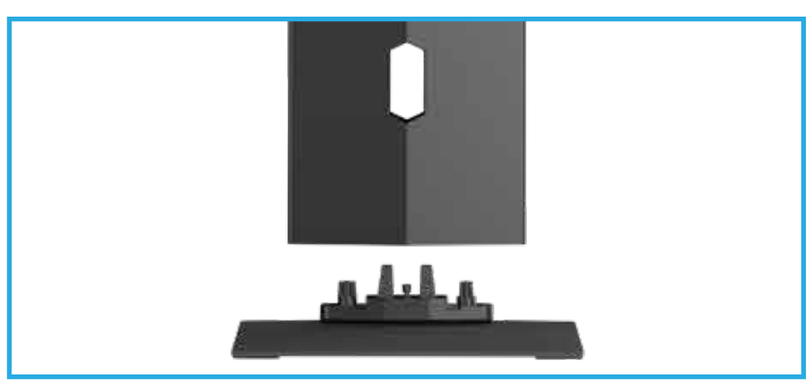
2.2.1 Monitor Holder Installation



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.

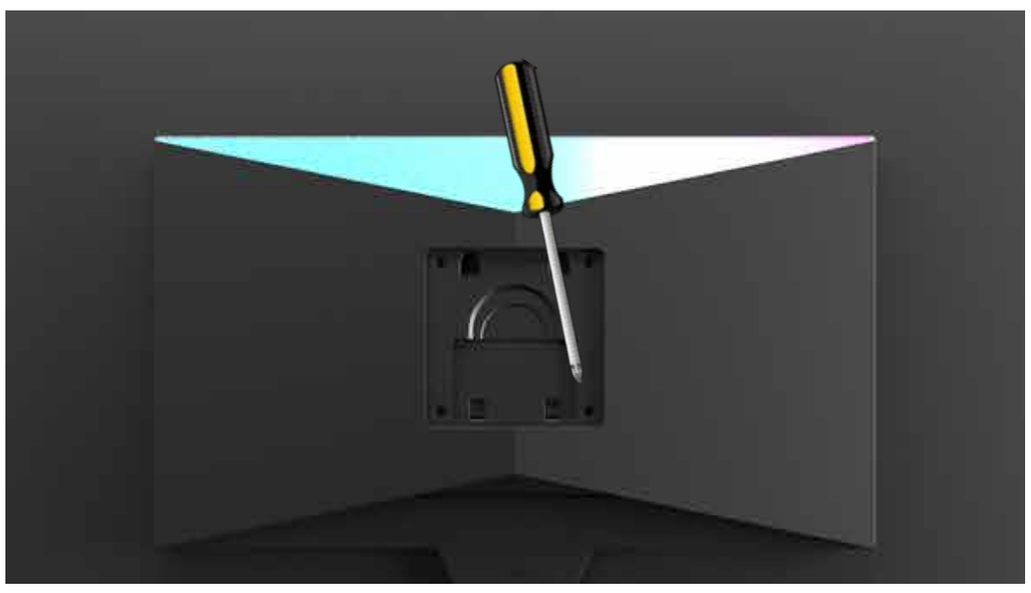
Check whether the base and the column are firmly connected, and place the installed product on a stable platform according to figure 1.5 - monitor pick-and-place method.

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.

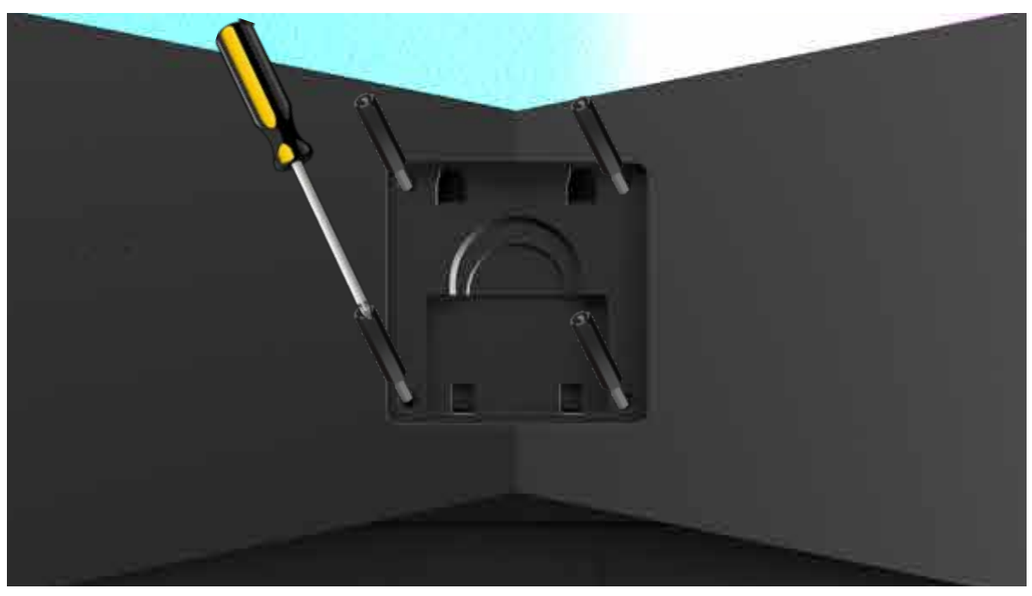
2.2.2 Installation Diagram of Holder Replacement with VESA Holder

The hole spacing in the wall mount is 100x100mm.

Remove the original base of the product (please ignore if the base is not installed)



Remove the 4 screws here (retain the screws in 2.2.2.3; or use the original base bracket later)



Mount the screw post or use the VESA plastic post (length not less than 24 mm).

Installation screws (use screw posts, please use the rear shell screws removed in 2.2.2.1;The thread length of the locked screw is 6-8mm if the screw post is not used)

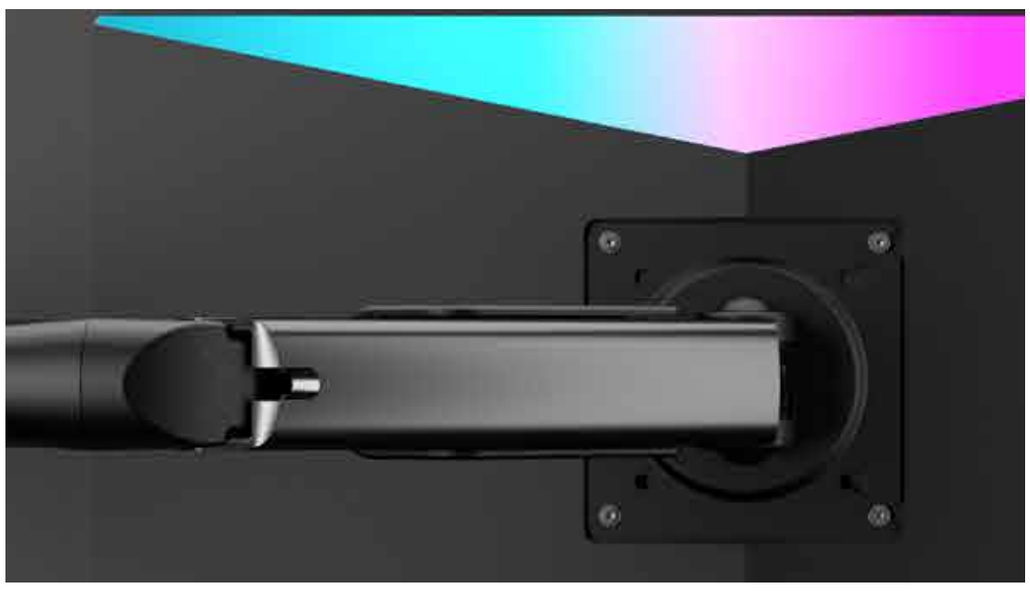
Warning: The thread of the screw attached here exceeds 8mm, to avoid damage to the interior due to excessive thread length.

Wall Mount Notes:

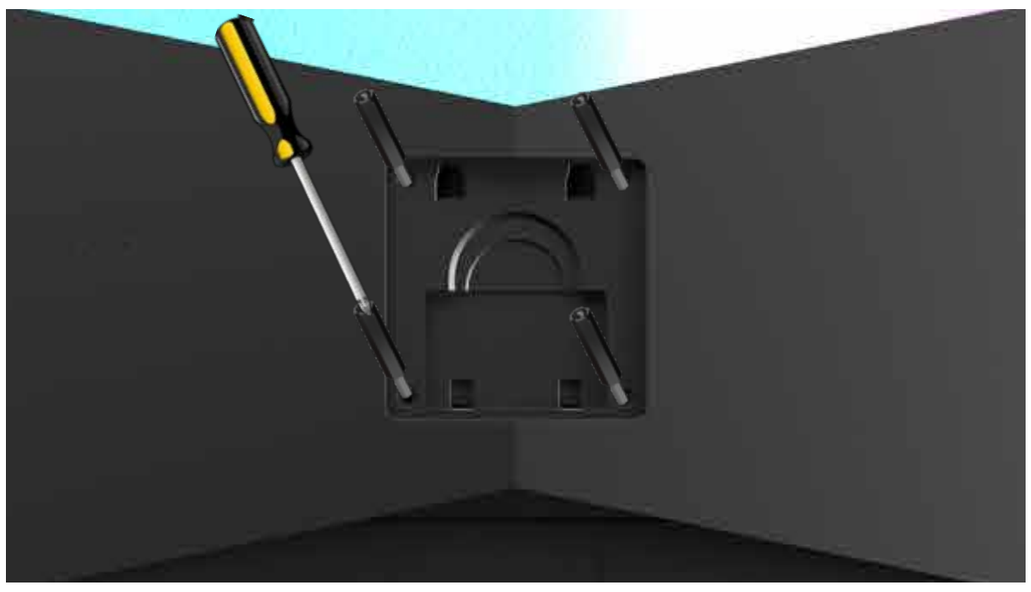
- Please purchase the VESA bracket device separately.
- For more information, please refer to the user guide provided with your VESA bracket device.

2.3 Bracket Disassembly

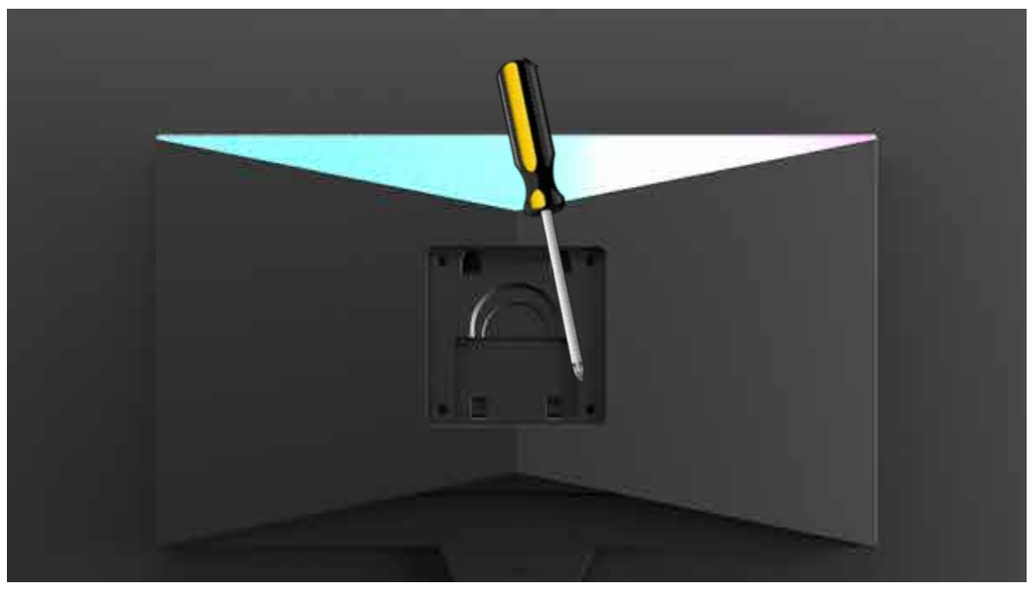
2.3.1 Schematic diagram for VESA bracket changing to display bracket Replace the actual monitor color and the foot frame



Remove VESA holder screws



Remove the VESA screw post (If the screw post is not used, skip this step).



Use the original back shell screws removed in 2.2.2.1 to lock (or use M4 flat-head screws with a thread length of 6-8mm);

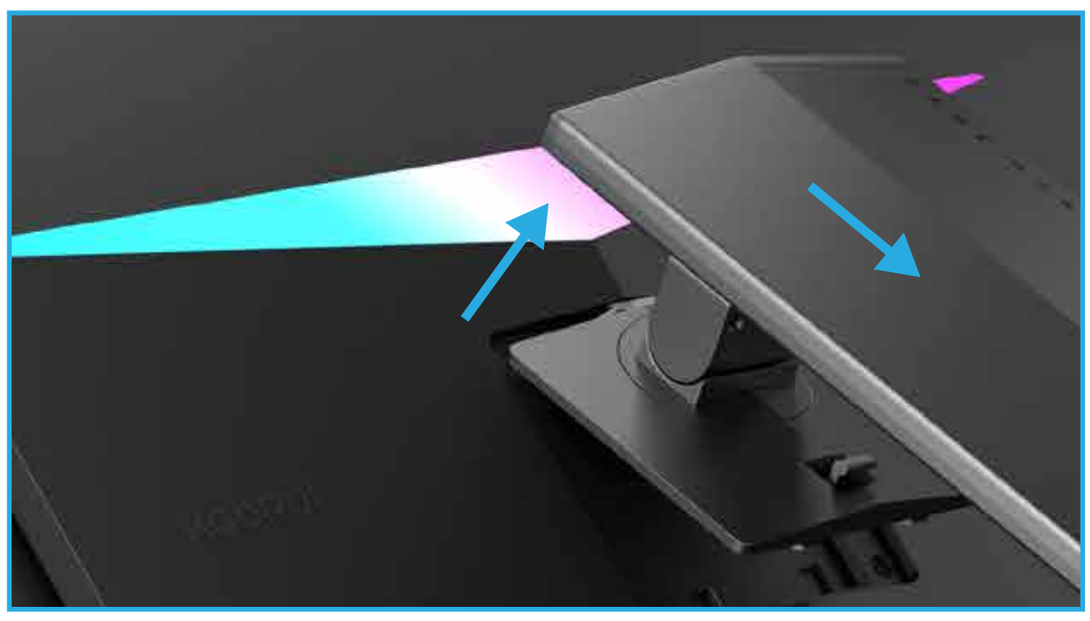
Install the base. For details, see 2.2.2 Installing Stand.

Note: During disassembly, you should protect the monitor properly. Make sure the monitor or any part of accessories is not damaged.

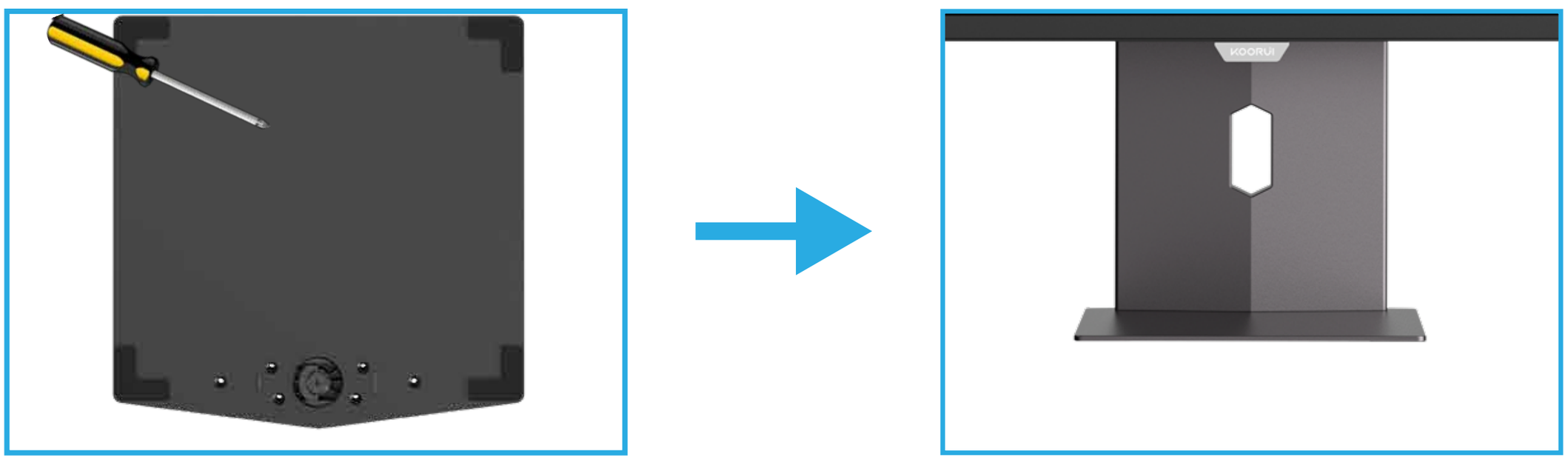
2.3.2 Removal of the monitor bracket

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.

Push the base hook.



Hold the monitor with one hand, then draw the bracket out by two steps as shown in the picture.



Screw the screws and separate the columns 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.

Connect and use the PC

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

- DP 1.4 interface supports 2160P,240Hz / ; HDMI 2.1 supports 2160P, 240Hz . Please choose the connection method you need.

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.

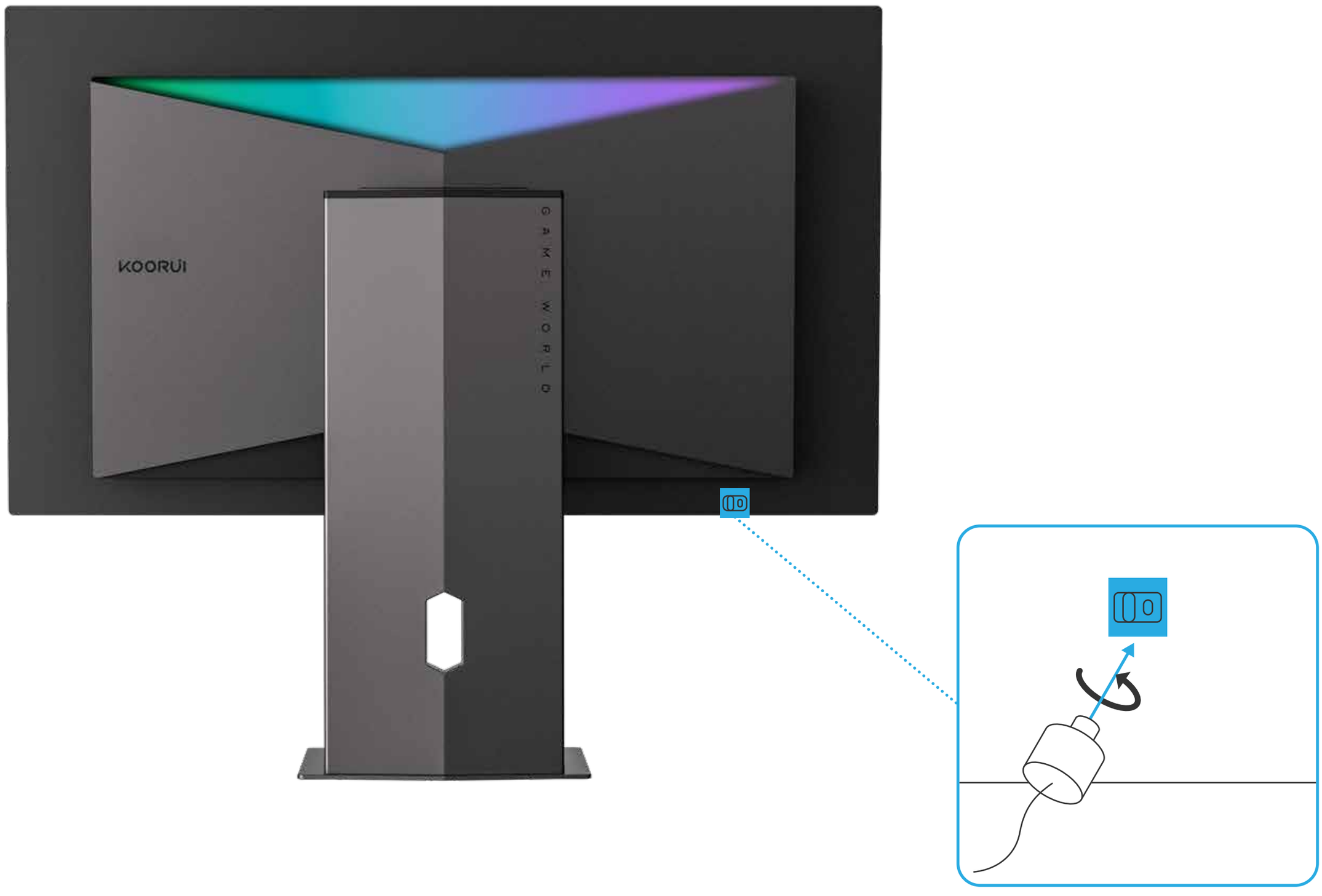
If you need Koorui's assistance, please contact Koorui's after-sales staff.

2.5 Adjust Product Inclination

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.

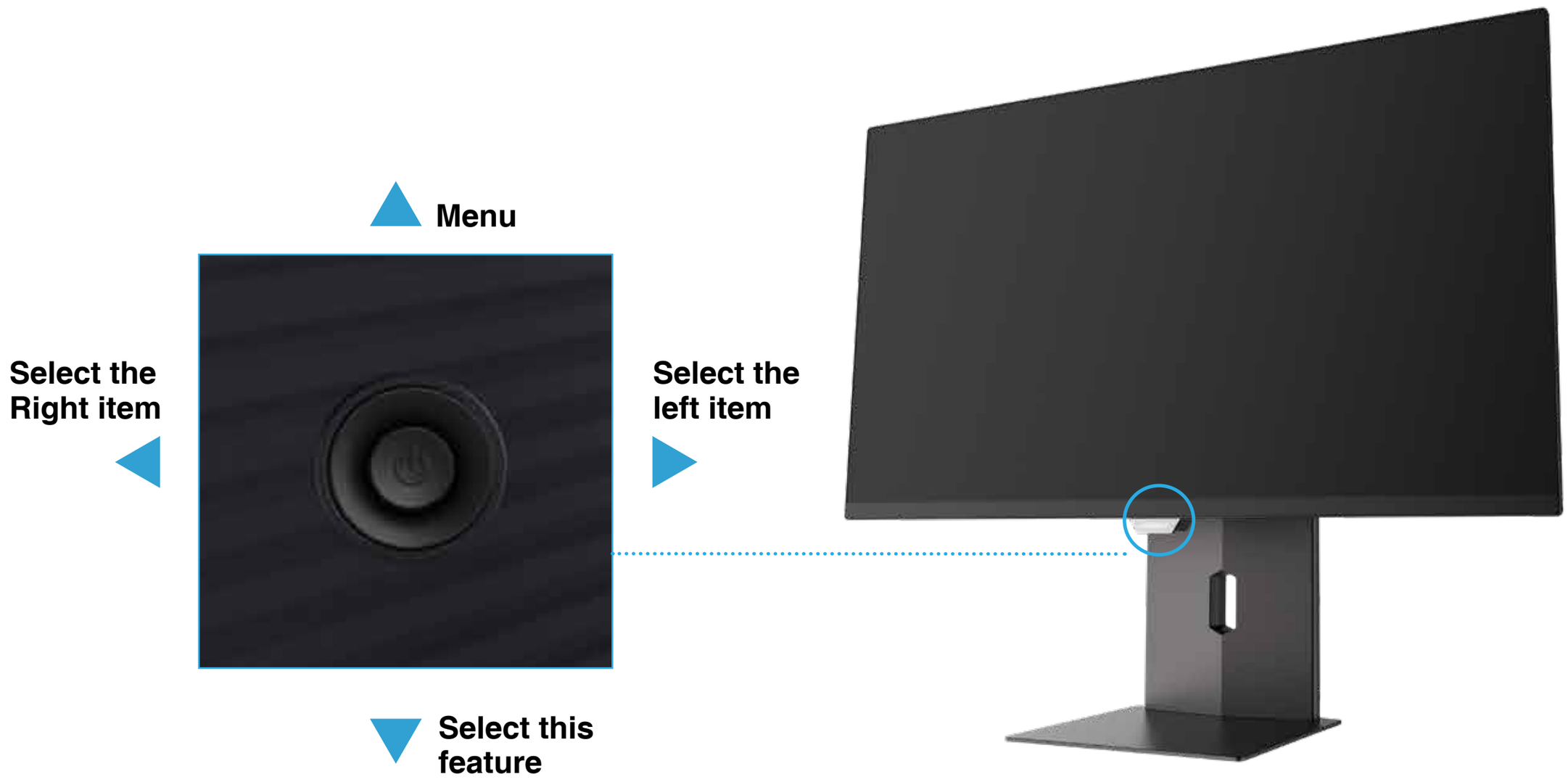
To lock an anti-theft locking device:



- 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.



▲	**Up key**	Clicks to access signal switching options in the navigation menu when the display menu is active. Used for selecting options or adjusting values.
▶	**Right key**	Clicks to access and adjust brightness and contrast in the navigation menu. When the menu is displayed, this button serves as the confirmation button.
▼	**Down key**	Clicks to access and adjust the Scenario mode in the navigation menu. When the menu is displayed, this button is used for option selection or value adjustments.
◀	**Left key**	Serves as the return button when the main menu is displayed. Click to access the main menu in the navigation menu.
⏻	**OSD Menu**	Functions as the confirmation button when the display menu is active. Power Switch: Short press to power on or confirm; long press to power off.
AC+▼	**AC+Down key**	Enter factory mode by pressing and holding the button [3] during power-up.
Note: Shortcut functions are only accessible within the navigation menu.		

Game mode	**Adaptive Sync**	ON/OFF	Enable or disable Adaptive Sync (ensure the product supports this feature)
	Dark Level	-10 to 10	Set the dark level (ensure the product supports this feature)
	Crosshair	Crosshair1/2/3/4/OFF	Select crosshair selection pattern (ensure the product supports this feature)
	Timer	15/30/45/60/90/120/OFF	Enable timer function (ensure the product supports this feature)
	Ambient light	Static red/Static blue/ Breathing light/Dazzling lights /Running light/Off	Set Ambient light to Static red/Static blue/Breathing light/Dazzling lights/Running light/Off
Brightness adjustment	**Brightness**	0-100	Adjust the display brightness
	Contrast	0-100	Adjust the display contrast
	DCR	OFF/ON	Turn automatic dynamic contrast ratio adjustment on or off
Display	**Aspect**	Auto/16:9/4:3	Adjust image aspect ratio
	HDR	ON/OFF	Enable HDR or software HDR effect (ensure the product supports this feature)
	Sharpness	0-10	Adjust sharpness (ensure the product supports this feature)
	Gamma	Gamma1/Gamma2	Adjusts color tone and brightness levels
Color temperature	**Standard**	/	Set as nature color temperature(7500K)
	Warm	/	Set as warm color temperature(6500K)
	Cool	/	Set as cold color temperature(9300K)
	User	R/G/B	Customize color temperature with R/G/B settings (default: 50/50/50, 6500K)
Input source	**HDMI1**	/	Select HDMI1 input source
	HDMI2	/	Select HDMI2 input source
	DP	/	Select DP input source
	TYPE-C	/	Select TYPE-C input source
	Automatic input	ON/OFF	Automatically select signal input

Preset mode	**Standard**	/	Set standard mode
	FPS	/	Set FPS game mode
	RPG	/	Set RPG game mode
	RCG	/	Set RCG game mode
	Cinema	/	Set Cinema mode
	Eye Care	/	Set Eye Care mode
	E-Book	/	Set E-Book mode
	DCI-P3	/	Set DCI-P3 color gamut limitation mode (ensure the product supports this feature)
	sRGB	/	Set sRGB color gamut limitation mode (ensure the product supports this feature)
	For Mac	/	Set For Mac Color mode
Settings	**Language**	中文/English/Français/ Deutsch/Italiano/ Português/Español/ 한국인/日本語/Magyar/ Polski/Svenska/ Русский/Türkçe/ 繁体中文/ українська	Set OSD Language
	Shortcut 1	Brightness/Contrast/Input/ Mode/Volume/Crosshair	Set Shortcut 1
	Shortcut 2	Brightness/Contrast/Input/ Mode/Volume/Crosshair	Set Shortcut 2
	Volume	0-100	Adjust the output volume for Audio OUT.
	PIP/PBP	PIP/PBP/OFF	Picture in Picture and Picture by Picture
	KVM	TYPE- C/USB- B/Auto	To adjust the KVM function
	PD	ON/OFF	To set Type C charge function
	PixelShift/Adjust LogoBrightness/ PixelRefresh	ON/OFF OFF/Low/High /	Set Panel Care
	Power Led	ON/OFF	Set Power Led(ensure the product supports this feature)
	Information	/	Display monitor information including model, current resolution, input source, and serial number
	Reset	ON/OFF	Reset OSD menu settings, but OSD language settings will not be reset.

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 expansion function setting.
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

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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. Change the maximum resolution and frequency to suit product performance.
The image on the screen looks distorted.	Check the cable connection with the product.
The image is not clear.	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.
The monitor is 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. If the volume is still low after turning it all the way up, please adjust the volume of the PC sound or the software program.
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.
"XXS Power. An energy efficiency prompt appears on the monitor or there shows "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. Do not place static pictures for a long time, it is recommended to use the background picture to select dynamic pictures.
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;