

User Manual
KOORUI Monitor

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Product Specification

MODEL 27N5CA

Display	
Dislpay Type	Curved, VA
Screen Size	27 Inches
Curvature	1500R
Response Time(G/G)	OD（10,8,6）ms
Display Color	16.7M Colors
Aspect Ratio	16: 9
Brightness	250cd/m²
Resolution	1920*1080
Pixel Pitch	0.2721 mm x 0.2721 mm
Refresh Rate	144Hz（Max）
Viewing Angle（Horizontal/Vertical）	178°/178°
Static Contrast Ratio	3000:1
Dynamic Contrast Ratio	20000000:1
Color Gamut	72%(NTSC)
Features	
Signal Type	Digital Signal \ Analog Signal
Language	English, Chinese, German,Japanese, Italian, French (optional)
Eye Saver Mode	YES
Stand	Detachable
Power	
Power Type	External Adaptor
Input	AC 100-240V, 50/60HZ
Output	12V/2A
Power consumption	Boot≤24W, Sleep≤0.5W
Dimensions (W*H*D)	
With Stand	611.49×452.07×208 mm, 24.07×17.8×8.19 inch
Without stand	611.5×364.1×75mm, 24.07×14.34×2.95 inch
Packaging Dimension	685×122×449 mm, 26.97×4.8×17.68 inch
Weight	
Product Weight (with stand)	3.7KG, 8.16lbs
Gross Weight	5.33KG, 11.75lbs
Inputs	
VGA	1
HDMI 1.4	1
Environment	
Working Temperature	0-40℃
Storage Temperature	-20~60℃
Working Humidity	10%~80%
Storage Humidity	5%~95%

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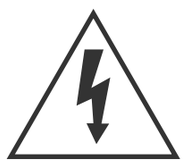
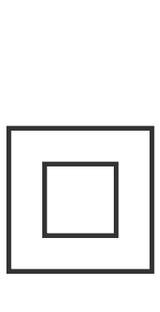
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Chapter I Attention

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.

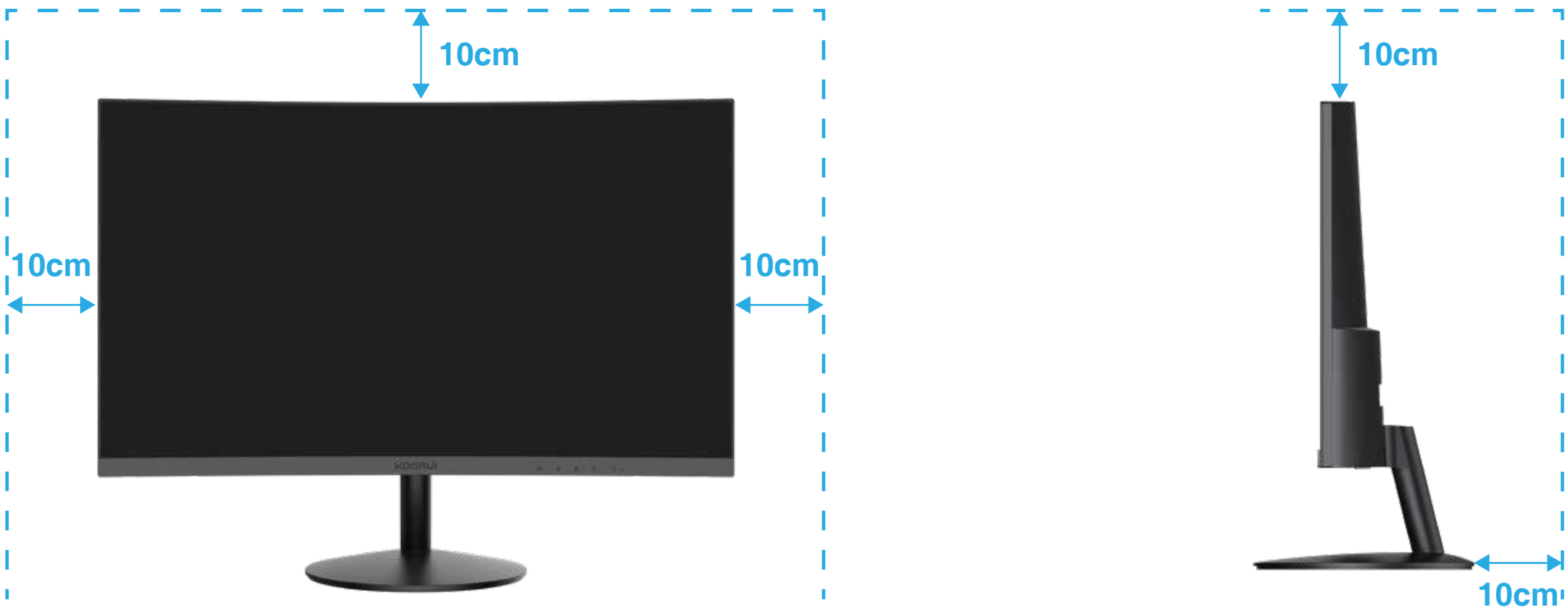
1.2 Storage Precautions

- 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.

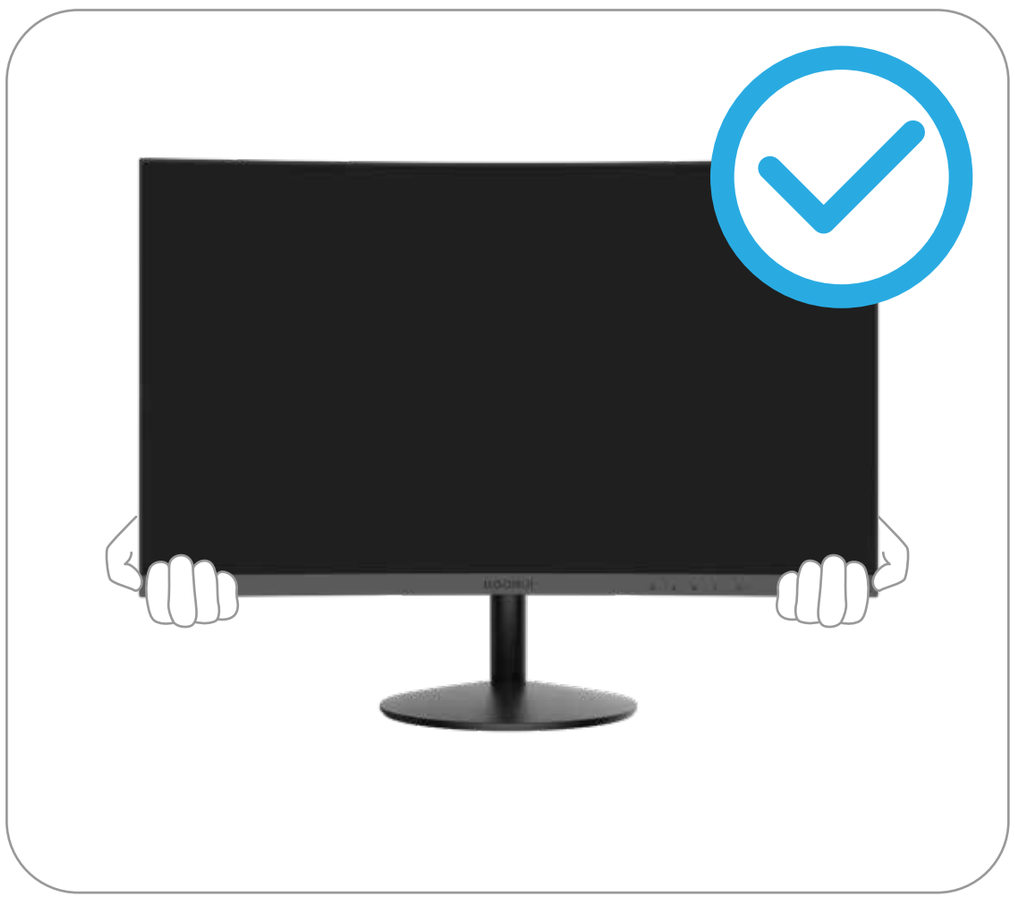
Cleaning your monitor

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.





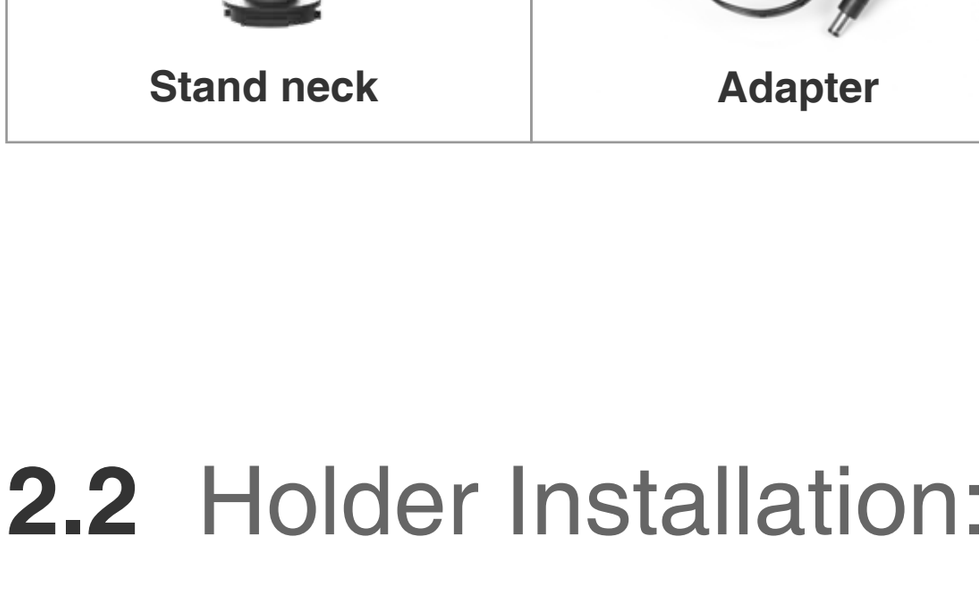
Chapter Ⅱ Preparation Before Use

2.1 Accessories:

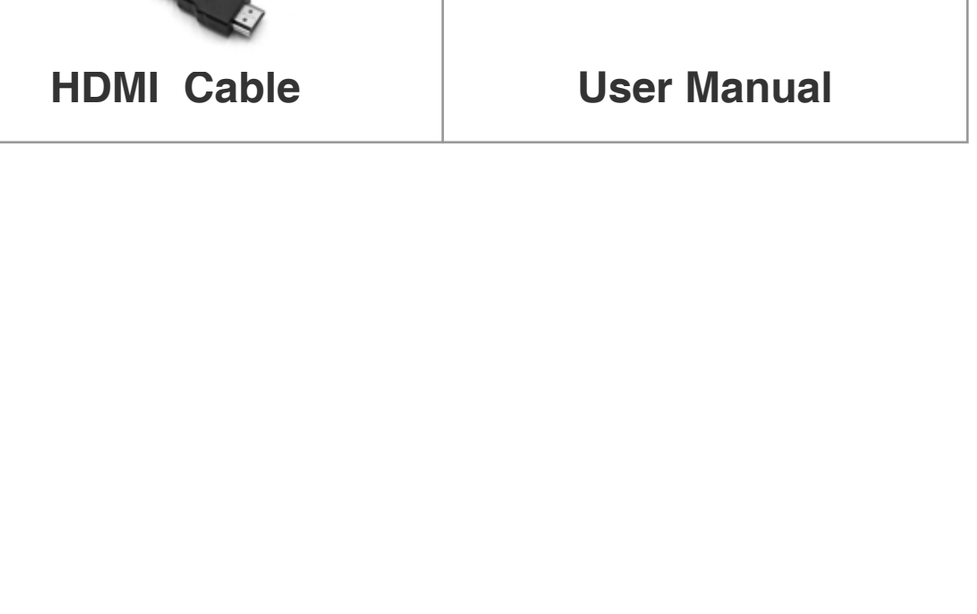
Your monitor is equipped with the following components. Please check whether all parts have been received. If there are any omissions, please contact Koorui.

 **Outer box**	 **Monitor**	 **Base**
 **Stand neck**	 **Adapter**	 **HDMI Cable**	 **User Manual**

2.2 Holder Installation:



Push the monitor stand to install it, and make sure the hook is "clicked" to confirm it is in place.



After loading, no obvious shaking was found when shaking the bracket.

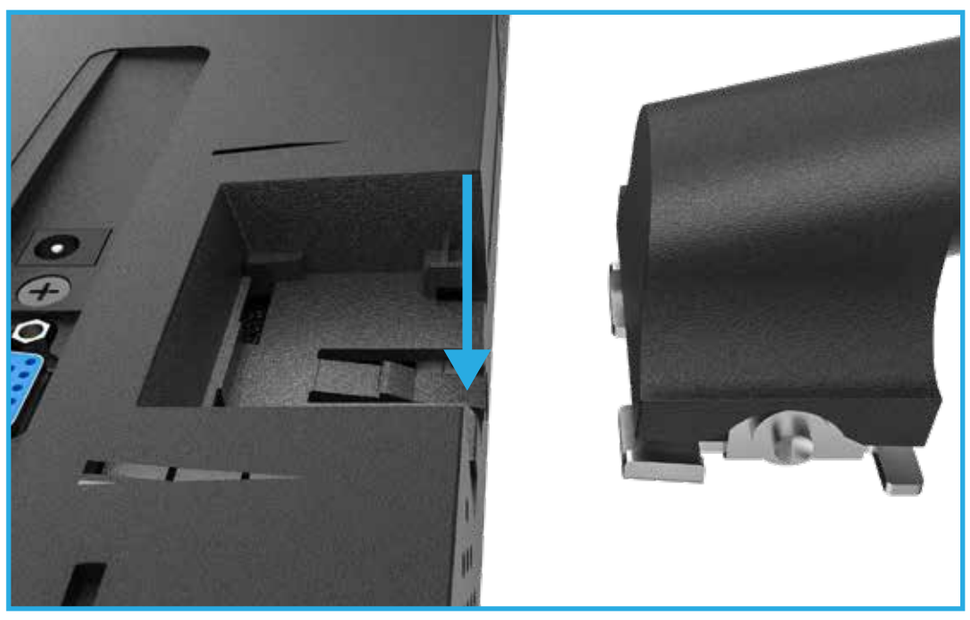


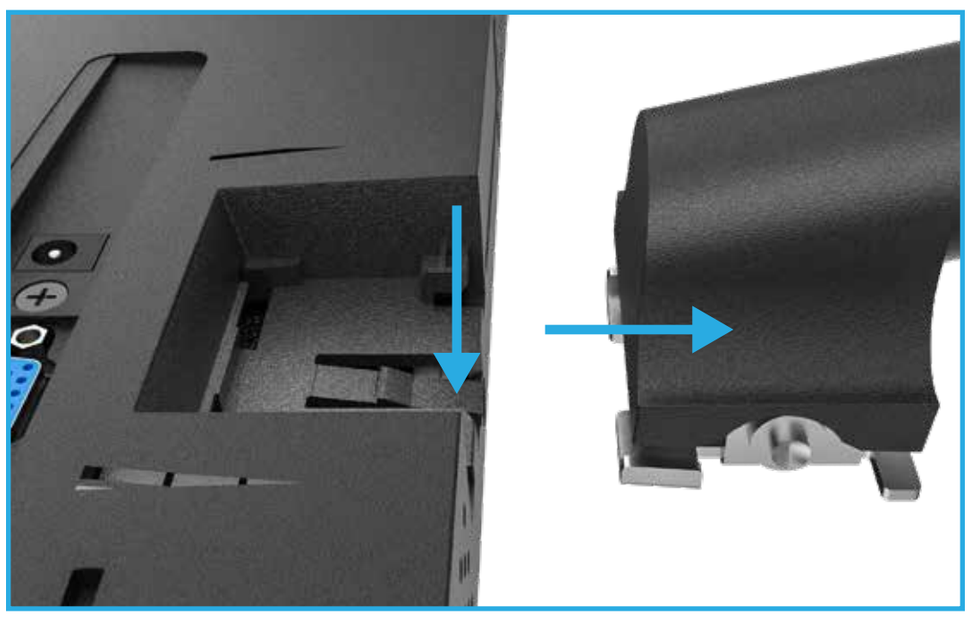
Align the base with the connection hole of the monitor stand (designed to stay in the direction). Push the base flat until there is a "click" sound, and the base is installed.



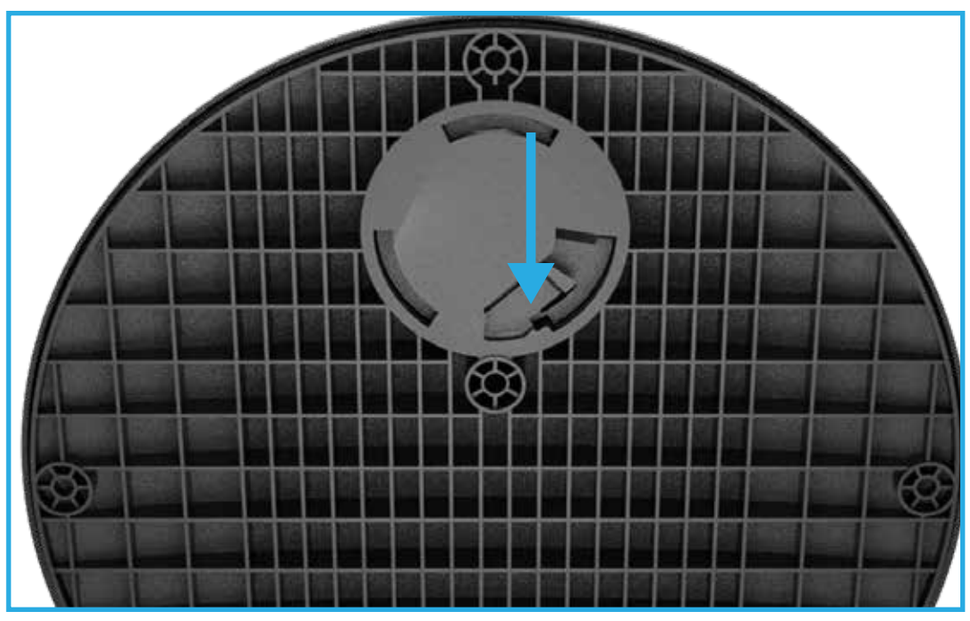
After the base is installed, it can be pulled out lightly, but cannot be pulled out, and placed on the desktop.

2.3 Holder removal





Press and hold the PUSH button, then keep the pre-pressed state, and exit the monitor stand in two directions;





Pre-press the hook, exit the base and monitor stand.

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2.4 Interface and Data Cable Connection Instructions



Port	Port Description
	Connects to a PC using a VGA cable.
	Connects to a PC using a HDMI cable.
	Connects to the DC cable.

Connecting and using a PC

- Choose the connection method that suits your PC.
- Connecting parts may vary from product to product.

Connecting and using source devices

Read below before installing the product.

- Before installing the product, check the shapes of both ports of the supplied signal cables and the shapes and locations of the ports on the product and external device.
- Before connecting signal cable, make sure you remove the power cables from both the product and the external device to prevent damage to the product due to a short circuit or over current.
- After all signal cables have been properly connected, connect the power cables back to the product and the external device.
- After installation is completed, make sure you read the user guide to acquaint yourself with the product functions, precautions and other information required to use the product properly.

Please read the user guide provided by the source device for the operation mode of the source device. The original device signal is abnormal. It is recommended to contact the source device manufacturer first.

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

2.5 Adjusting the Product Tilt

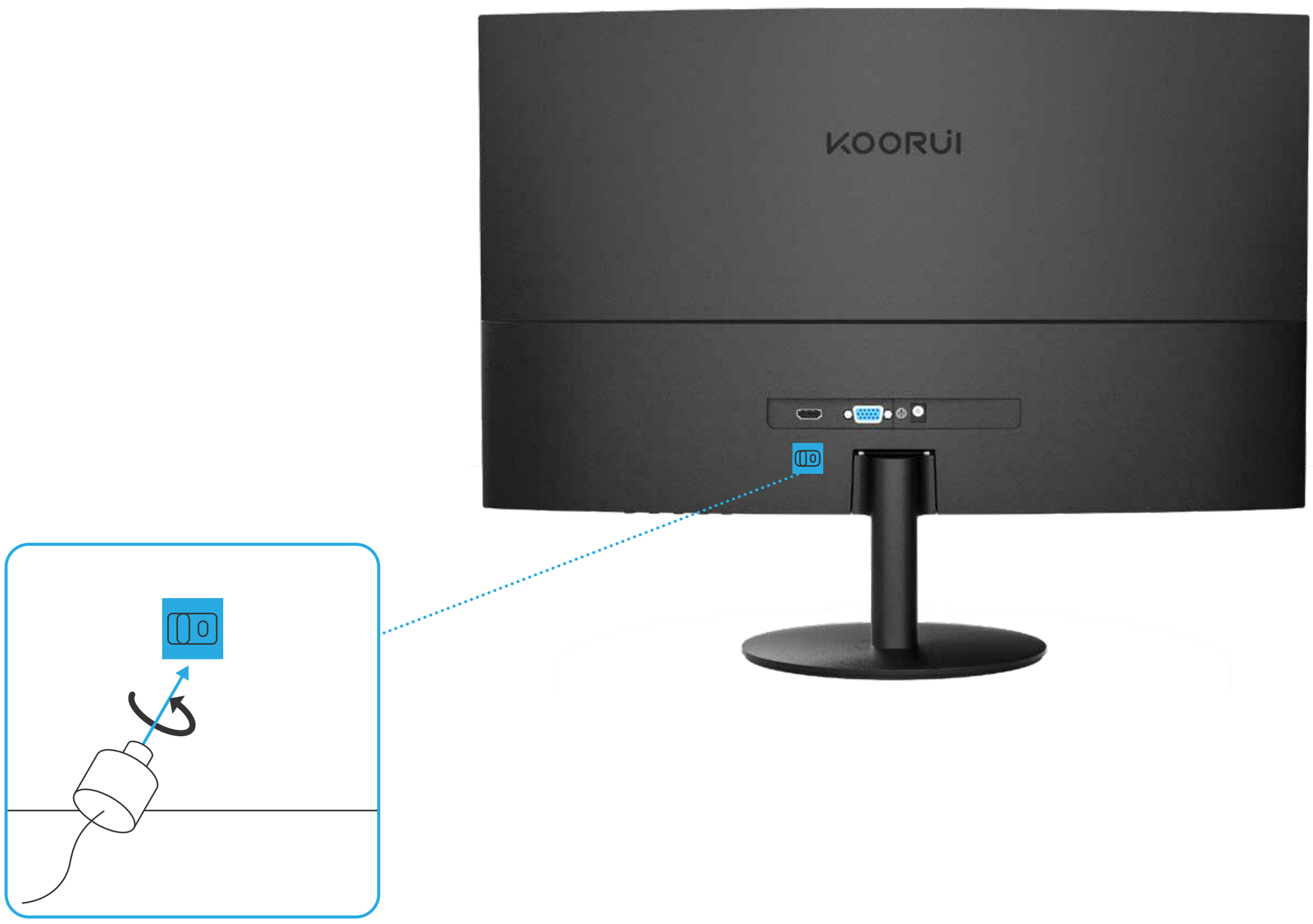


Adjustable display with titl from -5°~15°

2.6 Anti-theft Lock

- An anti-theft lock allows you to use the product securely even in public places.
- The locking device shape and locking method depend on the manufacturer.

To lock an anti-theft locking device:



- An anti-theft locking device can be purchased separately.
- Refer to the user guide provided with your anti-theft locking device for details.

Chapter Ⅲ OSD Function

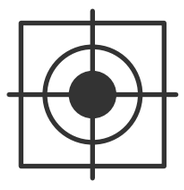
The OSD function information table of this product is as follows. If there is any question about the operation process, please contact Koorui customer services.

M	**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 itemand the value of the progress bar will decrease . Hotkey function : Preset mode (when M menu is not open)
▶	**Right**	When the menu is opened , press this button to select the right item , and the value of the progress bar will increase.
E	**Accessing menu**	If the menu is active, pressing this key selects the function.
⏻	**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	Can adjust the brightness of your display by pressing the left and right key -/+;
	Contrast	0 50 100	Can adjust the Contrast of your display by pressing the left and right key -/+;
	DCR	**ON OR OFF**	ON：Turn On； OFF：shutdown Automatic identification output dynamic adjustment can be selected; If you choose dynamic contrast, manually adjusting brightness and darkness will automatically turn off;

Language	**Chinese**	/	After confirmation by "E", the OSD menu options will be changed to Chinese language;
	English	/	After confirmation by "E", the OSD menu options will be changed to English language;
	French	/	After confirmation by "E", the OSD menu options will be changed to French language;
	German	/	After confirmation by "E", the OSD menu options will be changed to German language;
	Italian	/	After confirmation by "E", the OSD menu options will be changed to Italian language;
	Japanese	/	After confirmation by "E", the OSD menu options will be changed to Japanese language;
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	/	When confirmed, turn on cool color temperature mode.
	Standard	/	When confirmed, Turn on Standard color temperature mode.
	Warm	/	When confirmed, Turn on warm color temperature mode.
	User	R	Adjust the red saturation level. Values closer to 100 indicate greater color intensity.
		G	Adjust the green saturation level. Values closer to 100 indicate greater color intensity.
		B	Adjust the blue saturation level. Values closer to 100 indicate greater color intensity.
Aspect Ratio	AUTO	/	After selection, automatically find the input source.
	16 : 9	/	Select to display the image of the sub-screen with an aspect ratio of 16 : 9.
	4 : 3	/	Select an aspect ratio of 4: 3 to display the image of the sub-screen. Applicable to video and standard broadcasting.
Input Source	VGA	/	Select VGA Signal Input.
	HDMI	/	Select HDMI Signal Input (HDMI 1.4 Interface).

<table>
<tr><td rowspan="4">
Other</td><td>
Power Off</td><td>ON OR OFF</td><td>ON:Turn on Auto power off after 1min
OFF:Turn off Auto power off after 1min
PS:When the monitor goes to sleep</td></tr>
<tr><td rowspan="2">
Gamma</td><td>
Gamma 1</td><td>Select Gamma Mode 1 to use.</td></tr>
<tr><td>
Gamma 2</td><td>Select Gamma Mode 2 to use.</td></tr>
<tr><td>
Adjust</td><td>/</td><td>VGA signal image calibration (only supports VGA signal)</td></tr>
<tr><td>
Reset</td><td>YES OR NO</td><td>/</td><td>In addition to OSD language, you can reset your other option settings and revert to the factory settings of the product.</td></tr>
<tr><td>
Exit</td><td>/</td><td>/</td><td>Exit OSD menu.</td></tr>
<tr><td>/</td><td>
Return</td><td>/</td><td>Return to the previous menu (this selection only appears in the second\ third order settings).</td></tr>
</table>

Precautions:

- When you are not watching movies or games, it is best to set the response time and mode to standard.
- Under dynamic contrast, brightness and contrast cannot be adjusted.
- Standard mode, get the clearest display effect, and adjust it according to your preference.
- Cinema mode, eye protection mode, FPS mode and RTS mode cannot adjust brightness and contrast.
- Eye protection mode cannot adjust color temperature.
- If you have any other questions, you can consult Koorui customer service staff.

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Chapter IV Common Applications

(In the case of Windows 10)

4.1 Resolution and Refresh Rate Setting

4.1.1 Resolution settings

Windows Settings → System → Screen → Display Resolution

4.1.2 Refresh rate setting

Windows Settings → System → Screen → Advanced Display Settings
→ Refresh Rate
In Multiple Screen Control, in Advanced Display Settings, select the display you want to set.

4.2 Display expansion

Screen expansion function setting.
Windows Settings → System → Screen → Multiple Display Settings
→ Select "Expand This Display"

4.3 Personalized fonts

(Including: blurred fonts, desktop fonts with colors)
Windows Settings → Personalize → Font → Adjust ClearType text and change Turn on ClearType.

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

Blank spaces are found on all four sides of the screen when an HDMI or VGA cable is connected to the product and PC.	The blank spaces found on the screen have nothing to do with the product. Blank spaces on the screen are caused by the PC or graphics card. To resolve the problem, adjust the screen size in the HDMI or VGA settings for the graphics card. If the graphics card settings menu does not have an option to adjust the screen size, update the graphics card driver to the latest version. (Please contact the graphics card or PC manufacturer for further details about how to adjust the screen settings.)
The power LED is off. The screen will not turn on.	Check that the power cable is connected properly. If a problem occurs with the monitor screen, run Self Diagnosis to check that the monitor is working properly.
Not Optimum Mode is displayed.	This message appears when the signal from the graphics card exceeds the maximum resolution or frequency for the product. Change the maximum resolution and frequency to suit the product performance.
The images on the screen look distorted.	Check the cable connection to the product.
The screen is not clear or blurry.	Remove any accessories (video extension cable, etc.) and try again. Set the resolution and frequency to the recommended level.
The screen appears unstable and shaky. There are shadows or ghost images left on the screen.	Check that the resolution and frequency for the PC are within the range of resolution and frequency compatible with the product. Next, if required, change the settings, referring to Standard Signal Mode.
The screen is too bright or too dark.	Adjust Brightness and Contrast.
Screen colour is inconsistent.The colour on the screen have a shadow and are distorted. White does not really look white.	Change the Color Settings.
There is no image on the screen and the power LED blinks every 0.5 to 1 second.	The product is operating in power-saving mode.Press any key on the keyboard or move the mouse to return to normal operating mode. Observe whether the computer operates or restarts the device through the PC keyboard Caps Lock.
Video playback is choppy.	Playback of high-definition large video files can be choppy. This may be because the video player is not optimized for the PC resource. Try playing the file on another video player.

An energy efficiency prompt appears on the monitor or "XXS Power down. MENU Key Cancel" appears in the upper left corner of the monitor	When you buy and sell European products, European regulations have energy efficiency requirements
The monitor quickly goes to a black screen state (no display)	Under the power setting state, the monitor is turned off for a short time Windows settings==>system==>power and sleep==>screen==>Reset the TIME