

User Manual for KOORUI Monitor





About the brand

KOORUI

Hey guys! I'm KOORUI!

As an emerging Internet technology trend brand, KOORUI is committed to creating a smart IoT space for young users around the world. It is oriented at the needs of young people, focuses on smart life services for such application scenarios as work, home, entertainment and social interaction, and pursues the ultimate products, helping customers feel the creativity and technological power of KOORUI in their play.

About the company:

Who has founded the KOORUI brand?

It is Shenzhen Koorui technology Co.,Ltd.

What does the Company do?

It is a global mobile Internet company focusing on the design, R&D and sales of smart hardware and electronic products. As a distributor of global well-known brands, the Company has multi-channel agents and multiple domestic and overseas service platforms, which facilitates continuous expansion of its online and offline brand influence.

Notes

Suggestions for Eye Health

In order to avoid the possible eye fatigue and pains in the neck/arm/back/shoulder caused by long-time use of the Monitor, please keep the following suggestions in mind:

- 1.Place the Monitor (screen) at a distance of 20~28 inches (about 50~70 cm) from your eyes;
- 2.Increase the blinking frequency appropriately to keep your eyes moist when using the Monitor, and moisten your eyes after long-time use of the Monitor;
- 3.Take a 20-minute break after two-hour use of the Monitor;
- 4.Take frequent breaks: keep your eyes away from the Monitor and look at a distant target for 20 seconds or longer;
- 5.During the break, stretch to soothe your neck, arms, back and shoulders.

Low blue light description

The wavelength of blue light is in the blue light band. This monitor has the function of reducing blue light emission. Can select the low blue light mode in the menu to protect your eyes (need the support of the monitor).



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Product Introduction

Packing List

- | | | | | |
|----------------------|---------------------|--|-------------------------|---------------------------|
| 1.LCD screen | 2.Holder | 3.Base | 4.Power cord (optional) | 5.Signal cable (optional) |
| 6.Adapter (optional) | 7.Screws (optional) | 8.User Manual (including the Warranty Card and Certificate of Quality) | | |

(This list contains optional items. The items you have received may be different from this list.)

User Manual for KOORUI Monitor

Please read this Manual before operating the product.
The product specifications are subject to change without further notice.



User Settings

Functions of Buttons

Ordinary 5 Key Description

Press any button to enter the menu except the power button (⏻).

Other keys - subject to the corresponding description on the monitor.

Description of Joystick Buttons

(⏻) Short press to power on / Long press for 3 seconds to shut down

Power on -- short press any button to enter the navigation menu.

Other keys - subject to the corresponding description on the monitor.

Troubleshooting (FAQ)

Problem/Failure	Possible Solution
The power LED fails to be turned on.	*Check whether the Monitor is powered on. *Check whether the power cord is connected.
Plug-and-Play fails to be achieved.	*Check whether the PC is compatible with Plug-and-Play. *Check whether the 15-pin D-connector of the signal cable is bent.
The image is dim.	*Adjust the brightness and contrast.
Jerkiness or moire occurs to the image.	*Probably there is an electrical equipment nearby causing the electronic interference.
The power LED remains on or flashes, but there is no image on the screen.	*Check whether the PC is powered on. *Check whether the graphics card of the PC is installed properly. *Check whether the signal cable of the Monitor is connected properly to the PC. *Check the signal cable connector of the Monitor and make sure that the pins are not bent. *Press [Caps Lock] on the PC keyboard and observe the power LED, in order to identify whether the PC is operating.
Some colors are missing (red/green/blue).	*Check the signal cable of the Monitor and make sure that the pins are not bent.
The image is not centered or the image size is not appropriate.	*Press the hot key [E] to activate the AUTO (automatic image adjustment) function.
The image demonstrates chromatic aberration (white does not look white).	*Adjust the RGB color or select a different color temperature.
The image/text is blurred in case of VGA signal.	*Press the hot key [E] to activate the automatic image adjustment function.
There is color deviation under VGA signal.	*On the white output screen, select "Auto Calibrate Color" in the OSD menu to calibrate the color.

Functions of Operating Menu (OSD)

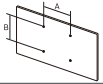
Menu Item	Submenu Item	Subsubmenu Item	Description
Game Mode	FreeSync Premium		FreeSync ON (Monitor support required)
			FreeSync OFF (Monitor support required)
	Dark field bright effect	-10~10	Adjust the dark field bright effect (Monitor support required)
	Response Time	Normal	Adjust response time for normal mode
		Fast	Adjust response time for fast mode
		fastest	Adjust response time for extreme fast mode
	MPRT		MPRT ON (Monitor support required)
			MPRT OFF (Monitor support required)
	Crosshair		Toggle crosshair style (Monitor support required)
		OFF	Crosshair OFF (Monitor support required)
	Timer	15/30/45/60/90/120 mins	Toggle the length of the game timer (Monitor support required)
		OFF	Timer OFF (Monitor support required)
	Ambient light	static red	Toggle ambient light to static red (Monitor support required)
		static blue	Toggle ambient light to static blue (Monitor support required)
		Breathing light	Toggle ambient light to dynamic mode(Monitor support required)
		Bright light	Toggle ambient light to dynamic mode(Monitor support required)
		Marquee	Toggle ambient light to dynamic mode(Monitor support required)
	Projector light	OFF	Ambient light OFF(Monitor support required)
			Projector light ON (Monitor support required)
			Projector light OFF (Monitor support required)
	LOGO light		LOGO light ON (Monitor support required)
			LOGO light OFF (Monitor support required)
Brightness/contrast ratio	Brightness	0-100	Adjust brightness
	Contrast	0-100	Adjusting contrast
	DCR		Dynamic contrast ON
			Dynamic contrast OFF
Display	Aspect	Auto	Automatic image scaling
		21:9	Adjust the image to widescreen mode(Monitor support required)
		16:9	Adjust the image to widescreen mode(Monitor support required)
		4:3	Adjust the image to 4:3 mode(Monitor support required)
	HDR	Auto	Automatically turn on the HDR function(Monitor support required)
		OFF	HDR OFF (Monitor support required)
	Sharpness	0-10	Adjust sharpness
	Gamma	Gamma1	Adjust Hue Lightness Grayscale 1
		Gamma 2	Adjust Hue Lightness Grayscale 2
	Local Dimming		Local Dimming ON (Monitor support required)
			Local Dimming OFF (Monitor support required)
Color	Standard	None	Set to standard color temperature
	warm	None	Set to warm color
	cold	None	Set to cold color
	User	Red 0-100	Fine tune red color temperature
		Green 0-100	Fine tune green color temperature
		Blue 0-100	Fine tune blue color temperature
Input	VGA	None	VGA Input (Monitor support required)
	DVI	None	DVI Input (Monitor support required)
	HDMI	None	HDMI Input (Monitor support required)
	DP	None	DisplayPort Input (Monitor support required)
	TYPE-C	None	TYPE-C Input (Monitor support required)
	Automatic input		Auto-typing ON
			Auto-typing OFF
Scenario mode	Standard	None	Normal mode
	FPS	None	FPS Game mode
	RPG	None	RPG Game mode
	RCG	None	RCG Game mode
	Movie	None	Watching mode
	Eye Saver	None	Eye protection mode
	E-book mode	None	E-book mode (Monitor support required)
	sRGB	None	Set to sRGB mode (Monitor support required)
	DCI-P3	None	Set to DCI-P3 mode (Monitor support required)
	Adobe RGB	None	Set to Adobe RGB mode (Monitor support required)
Setting	Language	中文, English, Français, Deutsch, Italiano, Português , Español, 한국어, 日本語, Magyar, Polski, Svenska, Русский , Türkçe, Українська (Monitor support required)	
	Shortcut key 1	Brightness/Contrast	Set shortcut key 1 to Brightness Contrast
		Input	Set shortcut key 1 as Input
		Scene mode	Set shortcut key 1 as Scene mode
		Volume	Set shortcut key 1 to Volume
		Crosshair	Set the shortcut key 1 as the Crosshair
	Shortcut key 2	Brightness/Contrast	Set shortcut key 1 to Brightness Contrast
		Input	Set shortcut key 1 as Input
		Scene mode	Set shortcut key 1 as Scene mode
		Volume	Set shortcut key 1 to Volume
		Crosshair	Set the shortcut key 1 as the Crosshair
	Volume	0-100	Adjustment volumn
	Wireless charging		Wireless Charging ON(Monitor support required)
			Wireless Charging OFF(Monitor support required)
	PIP/BPB	Picture-in-picture	Switch the picture-in-picture signal source (Monitor support required)
		dual split screen	Switch the dual split screen (Monitor support required)
		OFF	Picture-in-picture/dual split screen OFF (Monitor support required)
	Information	Mode	Check monitor model
		Resolution/refresh rate	Check the Resolution
		Input	Check the Input
		Serial number	Subject to the actual monitor
	Reset	None	Reset

Note: The above functions may be adjusted due to different models or software version upgrades, the actual model shall prevail.

Wall Mount Kit Specifications (VESA)

- Install your wall mount on a solid wall perpendicular to the floor. Before attaching the wall mount to surfaces other than plaster board, please contact your nearest dealer for additional information. If you install the product on a slanted wall, it may fall and result in severe personal injury. KOORUI wall mount kits contain a detailed installation manual and all parts necessary for assembly are provided.
- Do not use screws that are longer than the standard length or do not comply with the VESA standard screw specifications. Screws that are too long may cause damage to the inside of the product.
 - When installing the wall mount other than the specified product, its installation may be difficult.
 - For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on the wall mount specifications.
 - Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. KOORUI is not liable for these kinds of accidents.
 - KOORUI is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.
 - Do not mount the product at more than a 15 degree tilt.
 - Standard dimensions for wall mount kits are shown in the table below.

VESA screw hole specs (A * B) in millimetres	Standard Screw	Quantity
75 X 75	4.0 mm Φ, 8 mm long	4 EA



— Do not install your Wall Mount Kit while your product is turned on. It may result in personal injury due to electric shock.

Safety instructions



Important Safety Instructions, Please read the instructions carefully and keep them for later use



The lightning flash with arrow head within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons and animals.



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- Warning! Please refer the information on the exterior enclosure for electrical and safety information before installing or operating the apparatus.
- Note: If you would like to connect an external device with this product, a good quality shielded cable must be used, which ensures the electromagnetic compatibility of the product and the used cable as a whole.
- This product is only intended to be used as a monitor. For sound playback additional headphones or speakers, possibly with their own power supply, are required. Do not use the product for any other purpose than described in this manual in order to avoid any hazardous situation. Improper use is dangerous and will void any warranty claim.
- For household use only. Do not use outdoors.
- Danger of suffocation! Keep all packaging material away from children.
- Only use under normal room temperature and humidity conditions.
- Altitude:0-5000m
- temperature: 0-40 °C

CAUTION: Risk of fire or explosion if the battery is replaced by an incorrect type.

- The product is only suitable for use at moderate degrees of latitude. Do not use in the tropics or in particularly humid climates.
- Do not move the product from cold into warm places and vice versa. Condensation can cause damage to the product and electrical parts.
- Do not use attachments or accessories other than recommended by the manufacturer or sold with this product. Install in accordance with this user manual.
- When installing the product, leave sufficient space for ventilation (minimum 10 cm around the product). Do not install in bookcases, built-in cabinets or the like.
- Do not impede ventilation by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc. Do not insert any objects into the housing, e.g. through the ventilation openings. Do not install near any heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.
- Do not shift or move the product when powered on.
- Do not touch, push or rub the surface of the product with any sharp or hard objects.
- Danger! To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
- The product shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product.
- Care should be taken so that no objects or liquids enter the enclosure through openings.
- No naked flame sources, such as lighted candles, should be placed on the product.
- Refer all servicing to an authorised service agent. Do not attempt to repair the product yourself. Servicing is required when the product has been damaged in any way, such as the supply cord or plug are damaged, liquid has been spilled, objects have fallen into the product, the enclosure is damaged, the product has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Make sure to rest the AC/DC Adapter flat on a table or the floor. If you place the AC/DC Adapter so that it is hanging with the AC cord input facing upwards, water or other foreign substances could enter the Adapter and cause the Adapter to malfunction.
- Before connecting the product to a socket outlet, make sure the voltage indicated on the product corresponds to your local mains.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.
- Regularly check if the supply cord, product or extension cable is defective. If found defective, do not put the product into operation. Immediately pull the plug.
- Place the supply cord and, if necessary, an appropriate extension cable in such away that pulling or tripping over it is impossible. Do not allow the supply cord to hang down within easy reach.
- Do not jam, bend or pull the supply cord over sharp edges.
- The power plug is used as the disconnect device; the disconnect device shall remain readily operable. To completely disconnect the power input, disconnect the mains plug.

- The product may not function properly or not react to the operation of any control due to electrostatic discharge. Switch off and disconnect the product; reconnect after a few seconds.
- Protect the supply cord from being walked on or pinched particularly at the plug, convenience receptacles and the point where it exits from the product.
- Never pull the plug by the supply cord or with wet hands.
- Disconnect the power plug in case of faults during use, during lightening storms, before cleaning and when not using the product for a longer period of time.
- Danger! Before cleaning, switch the product off and disconnect the power plug from the socket.
- When the product has reached the end of its service life, make it defective by disconnecting the plug from the socket and cutting the cord in two.
- The apparatus must be connected to an earthed MAINS socket-outlet (Class I Equipment only). Or Use only a properly grounded plug and receptacle (Class I Equipment only).
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if you turn off this unit by POWER.

Regulatory Notices

Intended use

This product is designed as a monitor only. For sound playback additional headphones or speakers, possibly with its own power supply, are required. The product is not intended for any commercial or industrial use. Do not use it for other purposes. Any other use might lead to damage of the product or personal injury. The KOORUI assumes no liability for damage to the product, for property damage or for personal injury due to careless or improper usage of the product, or usage of product which does not meet the manufacturer's specified purpose.



CE Conformity

This device complies with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2014/30/EU), Low-voltage Directive (2014/35/EU), ErP Directive (2009/125/EC) and RoHS directive (2011/65/EU). This product has been tested and found to comply with the harmonized standards for Information Technology Equipment published under Directives of Official Journal of the European Union.



WEEE Statement

Under the European Union ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2012/19/EU, products of "electrical and electronic equipment" cannot be discarded as municipal waste anymore and manufacturers of covered electronic equipment will be obligated to take back such products at the end of their useful life.

FCC-B Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits 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 instruction manual, 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 encouraged to try to correct the interference by one or more of the measures listed below:

- 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 experienced radio/television technician for help.

Notice 1

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice 2

Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.