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).

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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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.

KOORUI

User Settings

Functions of Buttons

M	Press this button to display the main menu, return to the previous menu or exit the main menu.
◄/▼	When the menu is opened, press this button to select the left/below item, and the value of the progress bar will decrease. When the menu is closed, this button can act as a defined hot key.
►/▲	When the menu is opened, press this button to select the right/upper item, and the value of the progress bar will increase. When the menu is closed, this button can act as a defined hot key
E	When the menu is opened, press this button to select the right/upper item, and the value of the progress bar will increase. When the menu is closed, this button can act as a defined hot key
⏻	Power button: press it to turn on/off the Monitor.
Power LED	Remains on: normal working state; Flashes: power-saving standby state

Note: the actual buttons depend on the product model

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
Display	Brightness	None	To adjust the screen brightness.
	Contrast	None	To adjust the LCD contrast.
	Dynamic Contrast	ON	To enable the dynamic contrast.
		OFF	To disable the dynamic contrast.
		Back	To return to the previous menu.
		Exit	To exit the main menu.
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Language	English Italiano 日本語 Française Deutsch 中文		
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Game Mode	OD Accelerate	Off	Turn off the OD function.(if supported by the Monitor)
		Normal	General OD functionality.(if supported by the Monitor)
		Extreme	Extreme OD functionality.(if supported by the Monitor)
		Back	To return to the previous menu.(if supported by the Monitor)
		Exit	To disable the OD function.(if supported by the Monitor)
	Crosshair	Crosshair 1/2/3/4/5/6	Switch the game front sight(this needs the support of the monitor)
		Back	To return to the previous menu.(if supported by the Monitor)
		Exit	To disable the OD function.(if supported by the Monitor)
	Freesync Premium	ON	Open FreeSync (this needs the support of the monitor)
		OFF	Close FreeSync (this needs the support of the monitor)
		Back	To return to the previous menu.(if supported by the Monitor)
		Exit	To disable the OD function.(if supported by the Monitor)
	MPRT	ON	Open MPRT(if supported by the Monitor)
		OFF	Close MPRT(if supported by the Monitor)
		Back	To return to the previous menu.(if supported by the Monitor)
		Exit	To disable the OD function.(if supported by the Monitor)
	Timer	30 / 40 / 50 / 60 / 90 min	Open game timing(if supported by the Monitor)
		Close	Close game timing(if supported by the Monitor)
		Back	To return to the previous menu.(if supported by the Monitor)
		Exit	To disable the OD function.(if supported by the Monitor)
	HDR	ON	Open HDR (if supported by the Monitor)
		OFF	Close HDR (if supported by the Monitor)
		Back	To return to the previous menu.(if supported by the Monitor)
		Exit	To disable the OD function.(if supported by the Monitor)
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Preset Mode	Standard	None	Normal mode
	Movie	None	Movie mode
	FPS	None	FPS game mode (if supported by the Monitor)
	RTS	None	RTS game mode (if supported by the Monitor)
	Eye Protection	None	Blue-light filter mode (if supported by the Monitor)
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Color Temp	Warm	None	To activate warm color temperature.
	Standard color	None	Set to standard color temperature
	Cool	None	To activate cool color temperature.
	User Define	Red	To fine-tune the temperature of red.
		Green	To fine-tune the temperature of green
		Blue	To fine-tune the temperature of blue.
	DCI-P3	None	To activate the DCI-P3 mode.(if supported by the Monitor)
	sRGB	None	To activate the sRGB mode. (if supported by the Monitor)
	Adobe RGB	None	To activate the Adobe RGB mode.(if supported by the Monitor)
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Aspect Ratio	Auto	None	To adjust the aspect ratio automatically.
	16:9	None	To adjust the aspect ratio to wide screen mode.
	4:3	None	To adjust the aspect ratio to 4:3.
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Input Source	VGA	None	VGA (analog) signal input(if supported by the Monitor)
	DVI	None	DVI (digital) signal input (if supported by the Monitor)
	HDMI	None	HDMI (digital) signal input (if supported by the Monitor)
	DP	None	DisplayPort (digital) signal input (if supported by the Monitor)
	TYPE-C	None	TYPE-C (digital) signal input (if supported by the Monitor)
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Other	Auto Shutdown	ON	To enable the automatic shutdown function.
		OFF	To disable the automatic shutdown function.
		Back	To return to the previous menu.
		Exit	To exit the main menu.
	Gamma	Gamma1	To adjust the hue lightness to gray scale 1.
		Gamma2	To adjust the hue lightness to gray scale 1.
		Back	To return to the previous menu.
		Exit	To exit the main menu.
	Sounds	ON	To adjust the volume (if the Monitor supports audio output).
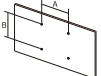
Menu Item	Submenu Item	Subsubmenu Item	Description
Other	BackCoverLight	Red	Switch the atmosphere light to static red (if supported by the Monitor)
		Blue	Switch the atmosphere light to static blue (if supported by the Monitor)
		Colorful	Switch the atmosphere light to dynamic mode (if supported by the Monitor)
		Breathe	Switch the atmosphere light to dynamic mode (if supported by the Monitor)
		Marquee	Switch the atmosphere light to dynamic mode (if supported by the Monitor)
		Close	Turn off the atmosphere light (if supported by the Monitor)
		Back	To return to the previous menu.
		Exit	To exit the main menu.
	Calibration	Auto Calibrate Image	To adjust the image's horizontal/vertical alignment, focus and clock automatically.
		Auto Calibrate Color	To adjust the color's white balance
		Clock	To adjust the image's clock in order to reduce vertical noise (VGA signal only).
		Focus	To adjust the image's phase in order to reduce horizontal noise (VGA signal only).
		Back	To return to the previous menu.
		Exit	To exit the main menu.
	PIP	PIP	Switch the source of picture-in-picture
		PBP	Switch the source of dual split screen
		Reset	Reset to single window display
		Back	To return to the previous menu.
		Exit	To exit the main menu.
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Reset	Yes	None	To reset to factory defaults.
	No	None	Not to perform the reset function.
	Back	None	To return to the previous menu.
	Exit	None	To exit the main menu.
Exit	None	None	To exit the main menu.

Note: the above functions depend on the specific model, and may be subject to change due to software upgrade.

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 adetailed 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.

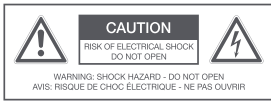| Manufacturer	model	Rating
SHENZHEN SOY TECHNOLOGY CO., LTD	SOY-1200250##-056	12Vdc, 2.5A
SHENZHEN SOY TECHNOLOGY CO., LTD	SOY-1200250JP	12Vdc, 2.5A

· ##=EU、US、GB

Safety instructions

●If your equipment uses an AC adapter:

— Only use the AC adaptor provided with your KOORUI product.

— Do not use the power cord with other products.

CAUTION

RISK OF ELECTRICAL SHOCK
DO NOT OPEN

WARNING: SHOCK HAZARD - DO NOT OPEN
AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR

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.

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

● 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℃
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.