

Model

E270AG

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1. Manual instructions

1.1 About this manual

The manual aims to guide users to install, configure and operate this professional medical monitor properly.

- When transfer the monitor to a third-party, please deliver this manual along with the monitor
- If the specification changed in the future, we will not inform again.
- Our goal is to provide you with the most accurate and usable documentation possible; if you discover errors, please let us know.
- For any further questions about this manual, you are welcome to contact Nanjing JUSHA Display Technology Co., Ltd.

1.2 Explanation of symbols

This manual and product use the symbols below.

	Gives extra information about the described subject.
	Indicates general cautionary, warning, or danger level information.
	Indicates a general prohibition.
\bigcirc	Indicates a general prohibition.

	Indicates that a ground that must be connected by the user for a device equipped with a ground terminal.
	Indicates the product meets the requirements of CCC.
FC	Indicates the product meets the requirements of FCC Part 15.
CE	Indicates the product meets the requirements of CE Certification.
5 565 710169	Indicates the product has been certificated by SGS and qualified for North American market.
EC REP	Gives information of the Authorized European representatives
•	Compliance ROHS instruction
	Waste Electrical and Electronic Equipment Directive (WEEE) 2002/96/EC Waste disposal should comply with local regulations.
ī	Recommend to refer the User Manual
	Manufacturer information
JUSHA	JUSHA trademark

SN

Product serial number

Don't touch

* This monitor complies with these standards only when a medical grade power supply is used. Power supply is specified as a part of me equipment.

1.3 Safety information



Read all the important safety information before installing and operating your monitor.

About the environment

- The equipment should be installed near an easily accessible outlet.
- Place the device on a flat, solid and stable surface that can support the weight of at least 3 devices. If you use an unstable cart or stand, the device may fall, causing injury to a child or adult, and serious damage to the device.
- Never use the monitor in the presence of flammable anesthetics mixture with air, oxygen or nitrous oxide.
- Never expose the monitor to rain or moisture. Never use the monitor near water - e.g. near a bathtub, washbasin, swimming pool, kitchen sink, laundry tub or in a wet basement.
- Please heed necessary space between the monitor and the wall for ventilation. Do not cover or block any ventilation openings in the cover of the set.

Keep small object away from the product. If small object gets into the monitor, please shut off power supply immediately and contact us for technical support.

About the power and ground

- Please use power cord provided with the monitor, and insert the plug into the socket firmly.
- Don't touch power cord or plug/unplug it when thundering, or it may cause electric shock.
- Please hold the attaching plug when you unplug it. Don't unplug it by pulling power cord, otherwise the power cord may be injured and result in electric shock.
- Do not overload wall outlets and extension cords as this may result in fire or electric shock.
- Please use the power supply within the voltage range specified in this manual, otherwise it may cause fire, electric shock or product damage.
- If the device is not used for a long time, disconnect it from the AC inlet to avoid damage by transient over-voltage.
- To fully disengage the power to the device, please disconnect the power cord from the AC inlet
- Please make sure that this product connected with a qualified computer or other devices.
- Make sure the monitor is grounded properly

About the maintains and repairs

Product failure may cause fire, electric shock or equipment damage. If the product gives off smoke or makes unusual noises, cut off the mains supply as soon as

Manual instructions

possible and pull out the plug from the socket. Please contact JUSHA for technical support.

- Repairing is limited to trained engineers. Do not try to repair or disassemble the product by yourself. It may cause product damage or personal injury.
- Please don't touch a damaged LCD screen with bared hand. Because the leaking liquid crystal material contains toxic substance. Please contact doctor immediately once it happens.

Some useful recommendations

- For mission critical applications, we strongly recommend that a replacement unit be immediately available.
- Please avoid excessive compression on the LCD screen, which may cause damage to it.
- In order to avoid scratches, don't touch the screen with sharp objects, such as pen or fingernail. Please use a soft cloth to clean the screen.
- The operator should not touch the video interface (such as DVI port, VGA port and etc.), or it may result in potential ESD (Electronic Static Discharge) damage to the monitor.
- The backlight of LCD has a service life limitation. We strongly suggest using this monitor in the recommended brightness to extend its service life.Please turn off the monitor if not use.
- Waste disposal should comply with local regulations.
- If using this monitor improperly, potential interference to other electronic devices around could be possible. Following methods are proposed to eliminate such

interference:

- Relocate or reorient the device under interference.
- Set up curtain appliance between the monitor and the device under interference.
- Plug the monitor and the devices under interference into different power sockets.



warning:

- 1. This monitor is Class A digital devices. It can only be used indoors.
- 2. Class A digital devices may cause radio interference in normal living environment. Users should take practicable measures to reduce the radio interference.

2. Overview

Thank you for using JUSHA endoscopic surgery professional monitors.JUSHA endoscopic surgery professional medical monitor is designed for endoscope host, ICU display, operation room to display high-quality video and images.

2.1 Packing list

JUSHA endoscopic surgery professional medical monitor comes with:

- Endoscopic monitor (some monitors don't have the base)
- Power Adaptor
- AC Power Cord
- DVI cable
- SDI cable
- S-VIDEO cable
- CVBS cable (optional)
- RGBS/YPBPR cable (optional)
- After-Sales Service Record
- Packing list
- Warranty Card
- Product Certification
- Desiccant



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- 3. Please only use the original accessories supplied with the monitor. JUSHA is not responsible for any technical problems caused by using Third-party accessories.
- Packing list is for reference only, different models need to match different packing list, Please refer to the packing list in the product box. If any of the components are damaged or missing, please contact Nanjing JUSHA Display Technology Co., Ltd. (025-83305050).
- 5. Please keep the original package well. If you need to transport the product, use the original package.

2.2 Front view and keypad



P2.1 Front view



P2.2 The front keypad

1	Power Key	Indicates the monitor operating
	Fowerkey	status

		1. Lights up in white, indicates monitor in, power-on state
		2. Touch Power Key, lights up in orange, indicates monitor in power-on standby
		 Light off, indicates monitor in power-off status
2	Source Select key	Select the input source
3	Down key	Select the next menu item
4	Up key	Selects the previous menu item
5	Menu key	 Open the User menu Exit the User menu
6	Right key	Increase the menu option value or go to the next menu level
7	Left key	Decrease the value of the menu option

2.3 The backside view of the monitor



P2.3 Backside of monitor



P2.4 interface definition

Connectors description:

1	DVI outpue	2	SDI input/output
3	DVI input	4	VGA input
5	RS232/reserved	6	Ground hole
7	S-VIDEO input	8	CVBS output
9	CVBS input 2	10	CVBS input1
11	Pr/R input	12	Pb/B input
13	Y/G input	14	HS/CS input
15	DC power switch	16	DC power input

3. Monitor installation

3.1 Installation instruction

/	\frown	
1	EΔ	
)
1		

Attention:

- 1. Make sure that endoscopic host and monitors are powered off.
- 2. Unpack the product and check the accessories according to packing list. Confirm the monitor and accessories are complete.
- 1. Plug one side of the signal wire into monitor's back interface, and the other side into endoscopic host's interface, then Tighten the screws. E270AG supports desktop, and E270AG-C supports wall design, which should withstand the force of 10kg at least.



P3.1 six views without base



P3.2 six views withbase

- 2. Connect to the operating room grounding system through the PE ground which is on the back of the monitor.
- 3. Connect power adaptor to power wire firstly, and then plug power adaptor into monitor's power input port, finally power LED indicater will turns orange.



Caution:

- 1 Please use the power cord provided with this monitor. If the power cord is inconsistent with the table below, please contact your supplier. Please make sure the power cord matches the voltage of the power socket and has been approved by and complies with the safety standard of your particular country.
- 2 To avoid risk of electric shock, AC/DC adaptor must only be connected to a power socket with protective earth.
- 3 Power Cord: The monitor should be powered from a center tapped circuit when used at voltages over 120V. And plug type of monitor varies in different countries or areas, as shown in the following table.

Country/Ar			
ea	USA/Canada	EU (except U.K)	U.K

Monitor installation

Plug Shape		e l'	C. C. Mil
Standard	ANSI/UL 817 CSA-C22.2 No.21	DIN VDE 0620- 1:2010	BS1363/BS546
Standard	120V	230V	230V
Country/Ar ea	Brazil	Japan	Korea
Plug Shape			
Standard	NBR14136	JIS 8303	KSC8305:2002R
Voltage	220V	110V	220V
Country/Ar ea	Denmark	Singapore	China
Plug Shape			TIT
Standard	SB 107-2-D1	SS145	GB15934-2008
Voltage	230V	230V	220V

4. Monitor settings

4.1 Turn on the monitor

Turn the power on, the power indicator will turn white, and the monitor's screen will display the JUSHA boot screen, indicating that the monitor is running.



Only the original power cord and adaptor shall be used. Please guarantee the plug can be wholly plugged into the socket.

Please guarantee the voltage be lower than nominal voltage of the power line.

When pushing the screen down, please don't touch the neck of monitor.



4.2 Monitor sleep

When the monitor is turned on, press power switch button, then the power indicator will turn orange, indicates monitor in power-on standby

4.3 Turn off the monitor

Press the Power Switch key, and the Power Indicator will turn orange, then unplug the power cord.

Recommendation: The connector / cable of the adapter should be placed in an easily accessible place.

4.4 Menu Instruction

A seven buttons keypad, located at the lower right bottom on the front of the monitor, which allows users to adjust monitor's parameters by using the On Screen Display (OSD) system.

4.5 Operate OSD menu

4.5.1 Choose signal source

To display the standard input menu, please press the

"E" button once to open the signal source selection menu.

CVBS **BPR** GBS VGA D V I – A DVI - DS D I

P4.1 Signal source selection menu

4.5.2 Control description

- 1 In the user menu,press " \triangle " / " \bigtriangledown " key to highlight the option you want.
- 2 Then press " \triangleleft " / " \triangleright " key to adjust the highlight option

in the user menu.

3 The target source is selected; press the "E" button to change the target sourceIn the signal source selection menu.

4.5.3 Functional specification

1 Press the "MENU" key once to open the user menu

	OSD		
User Mode		Mode1	
Scale		Fu11	
Scale Ratio		Off	
Gamma Curve		2.2	
AUTO			
Setting			
Color Temp		6500K	
Sharpness		Low	
3DNR		High	
Multi-window		Off	
Sub Source		S-VIDEO	
Field Invert		Off	
RGB2YUV		0n	
Language		English	
Source Scan		Off	
Range		Off	
KeyLocker		Off	

P4.2 User OSD

Monitor settings

2 The structure of user menu and functional specification:

·	tem	description	Default
	Mode 1	User1 Mode, in this mode, the first user 's preference parameters(such as brightness, sharpness) shall be stored.	
	Mode 2	User2 Mode, in this mode, the second user 's preference parameters(such as brightness, sharpness) shall be stored.	
User Mode	Mode 3	User3 Mode, in this mode, the third user 's preference parameters(such as brightness, sharpness) shall be stored.	Mode 1
	Mode 4	User4 Mode, in this mode, the fourth user 's preference parameters(such as brightness, sharpness) shall be stored.	
	Mode 5	User5 Mode, in this mode, the fifth user's preference	

	Mode 6	parameters (such as brightness, sharpness) shall be stored. User6 Mode, in this mode, color parameters (such as brightness, saturation) shall be bypassed.	
	Full	Picture full-screen	
	original	set the original Ratio	
Scale Mode	Max Ratio	Compare the horizontal and vertical scaling ratio, set the maximum ratio direction full display, set another direction display (maybe full display \not full display \ overscan)	full- screen
	Min Ratio	Compare the horizontal and vertical scaling ratio, set the minimum ratio direction full display, set another direction display (maybe full display \ not full display \ overscan)	
	4:3	Set the screen horizontal and	

Monitor settings

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		vertical display ratio as 4:3		
	5:4	Set the screen horizontal and vertical display ratio as 5:4		
	16:9	Set the screen horizontal and vertical display ratio as 16:9		
	16:10	Set the screen horizontal and vertical display ratio as 16:10		
	Off	Off		
Scale	5%	Scale up 5%		
Ratio	10%	Scale up 10%	Off	
Kullo	15%	Scale up 15%		
	20%	Scale up 20%		
Curve	gamma1.8	Gamma Curve 1.8		
	gamma2.0	Gamma Curve 2.0		
	gamma2.2	Gamma Curve 2.2	aammal	
	gamma2.4	Gamma Curve 2.4	gamma2. 2	
	gamma2.6	Gamma Curve 2.6	Z	
	DICOM	DICOM Curve		
	Custom	Custom		
Auto		Auto adjustment for		
		analog source		
		only(VGA, RGBS)		
	Backlight	0—100	50	
	Saturation	0—100	50	
Setting	Contrast	0—100	50	
	Brightness	0—100	50	
	Hue	0—100	50	

Source5500K color5500Ktemperatureeffective6500K color6500Ktemperatureeffective8000Ktemperature8000Ktemperature8000Ktemperature9300K color9300Ktemperature9300Ktemperature9300Ktemperature9300Ktemperature9300Ktemperature9300Ktemperature9300Ktemperature9300Ktemperature9300KtemperatureBypassLCD Panel' s color temperatureUser6500KHighSharpness level-highSharpnesSharpness level-highSharpnesClose sharpnessLowSharpness level-lowOffClose sharpnessUserNoise reduction function open, high effectiveHighNoise reduction function open, medium effectiveAliddleNoise reduction function open, medium effective					
Color Temp6500Keffective8000K6500Ktemperature effective6500K8000K8000Ktemperature effective6500K9300Ktemperature effective6500K9300Ktemperature effective6500K9300Ktemperature effective6500K9300Ktemperature effective6500K9300Ktemperature effective6500K9300KLCD Panel' s color temperature6500KBypassLCD Panel' s color temperature6500KUser6500K6500KMiddleSharpness level-high middleLowSharpne SLowSharpness level-lowOffClose sharpnessLowMiddleNoise reduction function open, high effectiveHighAD NRMiddleNoise reduction function open,			5500K color		
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Color Temp8000K8000K color temperature effective6500K8000Ktemperature effective6500K9300K color temperature effective9300K color temperature effective6500KBypassLCD Panel' s color temperature1000 KUser6500K1000 KSharpne SSMiddleSharpness level-high middleLowSharpne SSLowSharpness level-low MiddleLowMiddleNoise reduction function open, high effectiveLowAD NRMiddleNoise reduction function open,High		6500K	temperature		
Color Temp8000Ktemperature effective6500KP300Keffective9300K color temperature effective9300K color temperature9300KLCD Panel' s color temperatureLCD Panel' s color temperatureUser6500KLCD Panel' s color temperatureSharpnessNoise reduction function open, high effectiveHighNoise reduction function open,MiddleNoise reduction function open,MiddleNoise reduction function open,			effective		
Temp8000ktemperature effective6500k9300Keffective9300K color temperature effective9300K color temperature9300Ktemperature effectiveECD Panel' s color temperatureUser6500K1000000000000000000000000000000000000			8000K color		
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9300Ktemperature effectiveBypassLCD Panel' s color temperatureBypassLCD Panel' s color temperatureUser6500KHighSharpness level-high middleSharpne SSMiddleLowSharpness level- middleOffClose sharpnessOffClose sharpnessHighNoise reduction effectiveHighNoise reduction function open, high effectiveMiddleNoise reduction function open, high effectiveMiddleNoise reduction function open, high effective	remp		effective		
Image: square			9300K color		
BypassLCD Panel's color temperatureUser6500KUser6500KHighSharpness level-highSharpne middleSharpness level- middleSsLowSharpness level-lowOffClose sharpnessOffClose sharpnessHighfunction open, high effectiveMiddleNoise reduction function open, nigh effectiveMiddleNoise reduction function open, high effectiveMiddleMiddle		9300K	temperature		
BypasstemperatureUser6500KHighSharpness level-highSharpne ssMiddleLowSharpness level- middleLowSharpness level-lowOffClose sharpnessOffClose sharpnessHighfunction open, high effectiveMiddleNoise reductionHighfunction open, high effectiveMiddleNoise reductionMiddleHigh			effective		
Image: Sharp of the second s		Purp disc	LCD Panel's color		
Sharpne ssHighSharpness level-high MiddleLowSharpness level- middleSharpness level- middleLowLowSharpness level-lowLowOffClose sharpnessOffClose sharpnessHighfunction open, high effectiveAD NRMiddleMiddlefunction open, function open,		вуразз	temperature		
Sharpne ssMiddleSharpness level- middleLowSsLowSharpness level-lowLowOffClose sharpnessVoise reductionHighHighfunction open, high effectiveHighMiddleNoise reductionHighMiddleNoise reductionHigh		User	6500K		
Sharpne ss Middle middle Low Ss Low Sharpness level-low Low Off Close sharpness Vertical state Noise reduction High function open, high effective Noise reduction Middle Moise reduction High function open, high effective Noise reduction Middle function open,	-	High	Sharpness level-high		
SS Low Sharpness level-low Off Close sharpness High function open, high effective Noise reduction function open, high function open, high effective High function open, High High		Middle	Sharpness level-		
Low Sharpness level-low Off Close sharpness Noise reduction Noise reduction High function open, high effective Noise reduction Middle function open, High function open,		Middle	middle	Low	
High Noise reduction High function open, high effective Noise reduction Middle function open, High High	55	Low	Sharpness level-low		
High function open, high effective Noise reduction Middle function open, High		Off	Close sharpness		
affective Noise reduction Middle function open,	3D NR		Noise reduction		
Noise reduction Middle function open, High		High	function open, high		
3D NR Middle function open, High			effective		
I 3D NR I I High			Noise reduction		
medium effective		Middle	function open,	High	
			medium effective	riign	
Noise reduction			Noise reduction		
Low function open, low		Low	function open, low		
effective			effective		
Off Close the 3DNR		Off	Close the 3DNR		
Off Close the picture in	Multi-	Off	Close the picture in		
Multi-		OII	picture mode	Off	
	window	DID	Open the picture in		
			picture mode		

Monitor settings

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	POP 1 POP 2	Open the picture out picture mode 1 Open the picture out picture mode 2	
Sub Source		The sub source shall be determined by the main source, please refer to Table 1 to find the selection rule of main source and sub source in Multi-window function	CVBS
Field	On	Close Field Invert (only VGA and RGBS can be selectable) Off	
Invert	Off	Open Field Invert (only VGA and RGBS can be selectable)	
RGB2YU	On	Close RGB2YUV, turn RBG color space to YUV color space(not selectable)	
V	Off	Open RGB2YUV, do not turn RBG color space to YUV color space(not selectable)	On
Langua ge	中文	中文菜单语言	
	English	Set OSD language to English	English
Gray range	On	Open the Function that called out of gray rang	Off

	Off	Close the Function that called out of	
		gray rang	
	On	Open the Function	
Koylock	OII	that key lock	Off
Key lock	Off	Close the Function	OII
		that key lock	
Mirror	On	Mirror image on	Off
Image	Off	Mirror image off	OII
Buzzer	On	Buzzer on	Off
	Off	Buzzer off	OII
Factory		Reset user	
Reset		parameters	

Notice:

PIP mode: sub window can't support1920*1200 and 1600*1200;

POP1: both main window and sub window, can't support1920*1200 and 1600*1200 .

The selection rule of main source and sub source in Multiwindow function: (black dots indicate the signal can be used for both main or sub signal, then white dots cannot)

Main wind ow Sub window	CVBS	Y/C	YPbPr	RGBS	VGA	DVI-A	DVI-D	SDI
CVBS	0	0	•	•	•	•	•	•
Y/C	0	0	•	•	•	•	•	•
YPbPr	•	•	0	0	0	0	•	•
RGBS	•	•	0	0	0	0	•	•
VGA	•	•	0	0	0	0	•	•
DVI-A	•	•	0	0	0	0	0	•
DVI-D	•	•	•	•	•	•	0	0
SDI	•	•	•	•	•	•	0	0

5. Important information

5.1 Technical specifications

Input voltage	DC 24V
Standbypower	<0.5W
consumption	
Consumption(nomi	<83W
nal)	
LCD Panel	27 inches, Color Active Matrix Liquid
	Crystal Display
Brightness	800cd/m² (Max)
Viewing Angle	Horizontal 178°, Vertical 178° (CR >
	10)
Pixels distance	0.3114(H)mm x 0.3114(V)mm
Resolution	1920x1080
Visual Size	597.888(H)mm x 336.312(V)mm
	Input:
	VGA、DVI-A/D、Y/C(S-Video)、
Video Interface	YPbPr、RGBS、CVBS1、CVBS2、SDI
	Output:
	CVBS, DVI-D, SDI
	Temperature: 0°C ~ 40°C
Operation	Humidity: 20% ~ 85%, no
Environment	condensation
	Air pressure: 700hPa ~ 1060hPa
Environment for	Temperature: -20°C ~ 60°C
transportation and	Humidity: 10% ~ 90%, no
storage	condensation
	Air pressure: 200hPa ~ 1060hPa
Certification	CCC、CE
standards	

Notice:

The specifications of JUSHA products are subject to change without notice.

E270AG,E270AGG,E270AG0,E270AG1,E270AG*****,JUSHA-E270AG, JUSHA-E270AGG,JUSHA-E270AG0,JUSHA-E270AG1,JUSHA-E270AG***** ("*"=0-9,A-Z or blank means different customers, not affect product safety and EMC).

5.2 Safety standards

Safety standards for E270AG:

the Medical Display Safety standards	IEC 60601-1: 2005 + CORR. 1:2006 + CORR. 2:2007 + AM1:2012 EN 60601-1-2:2007 EN 60601-1:2006/A1:2013 GB4943.1-2011
Authentication	CCC、CE
Declaration of Conformity	ROHS

5.3 Electromagnetic compatibility

EMC forE270AG and E270AG-C:

Electromagnetic	EN 60601-1-2: 2007+AC:2010
compatibility	GB9254-2008;GB17625.1-2012



Warning: Warning: Display requires special precautions regarding EMC and need to be installed, put into service and used according to the following information.

- 1. Do not use other cables provided or specified by us.Using other cables may cause the increase of emission or decrease of immunity.
- 2. Do not put any portable and mobile RF communications equipment close to display. Doing so may affect display.

- 3. Display should not be used adjacent to or stacked with other equipment. If adjacent orstacked use is necessary, the equipment or system should be observed to verify normal operation the configuration in which it will be used.
- 4. Anyone who connects additional equipment to the signal input part or signal output parts, configuring a medical system, are responsible that the system complies with the requirements of IEC/EN60601-1-2.

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6. Declarations

6.1 Legal notice

The auxiliary equipment that is connected with JUSHA display should meet the corresponding IEC Standard (data processing equipment should meet IEC 60950-1 Standard and armamentariums should meet IEC 60601-1 Standard). In addition, all configurations should meet IEC 60601-1: 2005 + CORR. 1:2006 + CORR. 2:2007 + AM1:2012 Standard. Before a configuration is connected to signal output or input interface for processing system configuration, technician should make sure that the system meets IEC 60601-1: 2005 + CORR. 1:2006 + CORR. 2:2007 + AM1:2012 Standard.

Staffs that are responsible for connecting the monitor with system should make sure that installed devices meet IEC 60601-1: 2005 + CORR. 1:2006 + CORR. 2:2007 + AM1:2012 Standard. If there is any question, please contact with JUSHA Engineering Technology Service Department or local marketing representatives.

JUSHA markets its products through armamentarium manufacturers, distributors and franchisers. Therefore, please consult your seller whether he/she provides relevant maintenance service.

JUSHA will neither take any responsibility not authorize anyone to take any responsibility for product distribution and its use. Please read carefully the related documents, operation instruction and labels on package before you apply the product so that you can use and maintain the product properly.

Declarations

Please note that its performance will be affected by system configuration, software, application program and client's data and client's operating control. Though JUSHA product is compatible with many systems, client's specific function might be come true differently. Whether the product is suitable for specific purpose or application program it depends on clients, therefore, JUSHA should not guarantee for it.

JUSHA expressly disclaims all warranties of any kind, whether statutory, express or implied, including, but not limited to, implied warranties of merchantability, fitness for particular purpose and non-infringement. JUSHA hereby explicitly rejects all warranties and state of any kind, any property or extent whether statutory, express or it leads to any laws ,rules, commercial practice, conventions or trade disputes etc.

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6.2 After-sale service declaration

The after-sale warranty is three years from the date of purchase, only if the product has been used with the recommended brightness. We are responsible for the quality problems caused by non-artificial factors and the maintenances are free of charge.



Notice:

The user must contact and get permission from JUSHA before sending back the product for repairs.

To avoid the damage and/or loss during transit, the user must deliver the product in its original package or other adequate package with an equal degree of protection to the local distributor. Meanwhile, user must present proof of the product purchase date.

The user is not allowed to repair the monitor from anywhere except the authorized after-service spots. The original serial number should not be modified or removed. Don't derogate from requirements of this manual, otherwise it may result in quality assurance failure.

This product provides limited responsibility for quality assurance. JUSHA isn' t responsible for malfunction caused directly/indirectly/accidently by users themselves. Users should pay attention to the settings of the operation system and other applications. Above factors will affect the product performance

Declarations

6.3 Proprietary rights

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7. Contact information

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