



msi PRO MP225 LCD Monitor User Guide

Home » MSI » msi PRO MP225 LCD Monitor User Guide 🖺

Contents

- 1 msi PRO MP225 LCD Monitor
- 2 FAQs
- 3 Getting Started
- 4 Installing the Monitor Stand
- **5 Monitor Overview**
- 6 Connecting the Monitor to the PC
- 7 Specifications
- **8 Preset Display Modes**
- 9 Troubleshooting
- 10 Safety Instructions
- 11 TÜV Rheinland Certification
- 12 Green Product Features
- 13 Documents / Resources
 - 13.1 References



msi PRO MP225 LCD Monitor



FAQs

- Q: Can I use any HDMI cable with this monitor?
 - A: To ensure optimal performance and compatibility, please use only HDMI cables certified with the
 official HDMI logo when connecting this monitor.
- Q: What should I do if any package contents are damaged or missing?
 - **A:** Contact your place of purchase or local distributor for assistance if any items are damaged or missing.

Getting Started

This chapter provides you with the information on hardware setup procedures. While connecting devices, be careful in holding the devices and use a grounded wrist strap to avoid static electricity.

Package Contents

Monitor	PRO MP225		
Documentation	Quick Start Guide		
	Stand		
Accessories	Stand Base		
	External Power Supply		
Cables	High Speed HDMI™ Cable (Optional)		

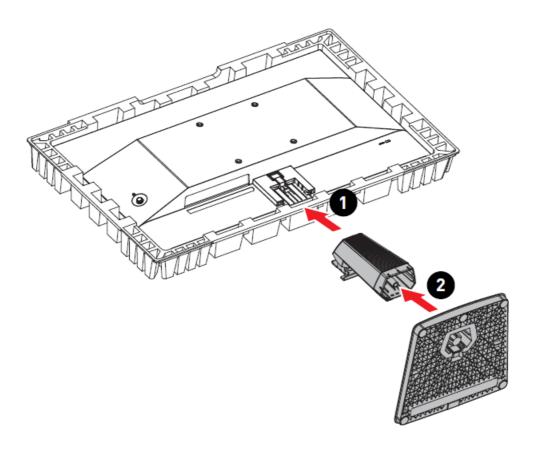
Important

Contact your place of purchase or local distributor if any of the items are damaged or missing.

- · Package contents may vary by country and model.
- The included power cord is exclusively for this monitor and should not be used with other products.

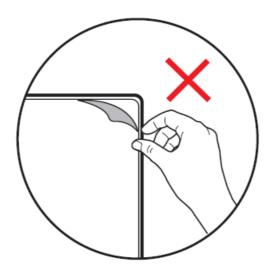
Installing the Monitor Stand

- 1. Leave the monitor in its protective packaging. Align and gently push the stand bracket towards the monitor groove until it locks in place.
- 2. Align and gently push the base towards the stand until it locks in place.
- 3. Make sure the stand assembly is properly installed before setting the monitor upright.



Important

- Place the monitor on a soft, protected surface to avoid scratching the display panel.
- Do not use any sharp objects on the panel.
- This product comes with NO protective film to be removed by the user! Any mechanical damages to the product including removal of the polarizing film may affect the warranty!

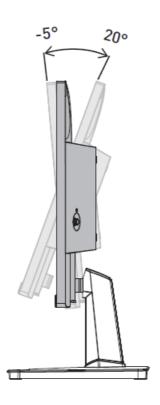


Adjusting the Monitor

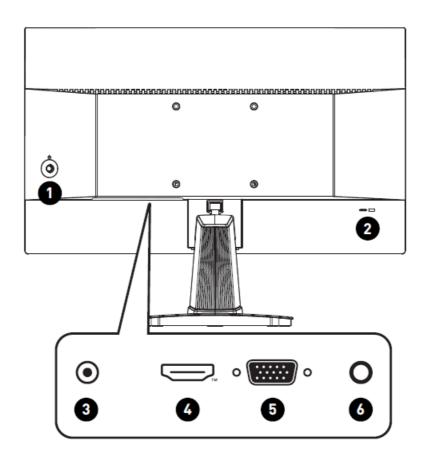
This monitor is designed to maximize your viewing comfort with its adjustment capabilities.

△ Important

• Avoid touching the display panel when adjusting the monitor.



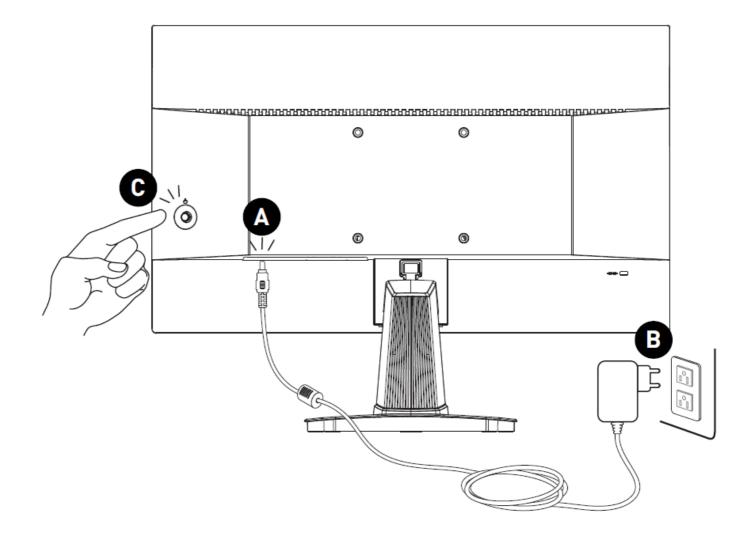
Monitor Overview



1	Power Button & Navi Key
2	Kensington Lock
3	Power Jack
	HDMI™ Connector
	Supports 1920×1080@100Hz as specified in HDMI™ 1.4a.
4	△ Important
7	To ensure optimal performance and compatibility, please use only HDMI™
	cables certified with the official HDMI [™] logo when connecting this monitor. For more information, ple ase visit https://www.hdmi.org/resource/cables .
5	D-Sub Port
6	Headphone Jack

Connecting the Monitor to the PC

- 1. Turn off your computer.
- 2. Connect the video cable from the monitor to your computer.
- 3. Connect the power connector to the monitor power jack. (Figure A)
- 4. Connect the external power supply to the electrical outlet. (Figure B)
- 5. Turn on the monitor. (Figure C)
- 6. Power on the computer and the monitor will auto-detect the signal source.



OSD Setup

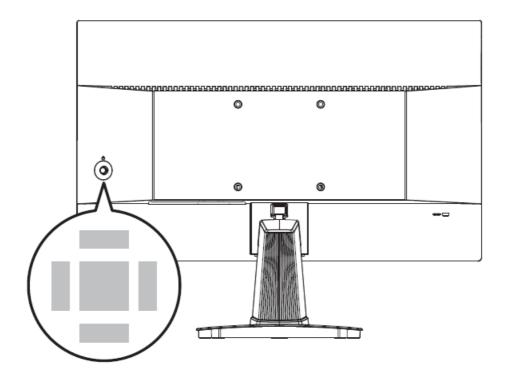
• This chapter provides you with essential information on OSD Setup.

△ Important

• All information is subject to change without prior notice.

Navi Key

• The monitor comes with a Navi Key, a multi-directional control that helps navigate the On-Screen Display (OSD) menu.



Up/ Down/ Left/ Right:

- selecting function menus and items
- · adjusting function values
- entering into/exiting from function menus

Middle:

- launching the On-Screen Display (OSD)
- · entering submenus
- · confirming a selection or setting

Hot Key

- Users may enter into preset function menus by moving the Navi Key up, down, left or right when the OSD menu is inactive.
- Users may customize their own Hot Keys to enter into different function menus.

OSD Menus



Professional

1st Level Menu	2nd/3rd Level Menu	Description	
	Eco	 Use the Up or Down Button to select and preview mode effects. Press the Middle Button to confirm and apply you mode type. The default setting "Eco" mode meets the require 	
	User		
Mode	Anti-Blue		
	Movie		
	Office	ments of TÜV Rheinland's "Low Blue Light" standard and Eyesafe certification.	
	Black-White	,	
Response Time	Normal	Setting to Fastest will reach the shortest response time and help improve blurred images when playing very fast games.	
	Fast		
	Fastest		
	OFF	MPRT is available when the refresh rate is over 85	
		 Hz. Activating MPRT will affect: Affected Function Function Status	
MPRT	ON	» Response Time Unable to select	
		" Dilgritiless	
		» HDCR	
		» Adaptive-Sync	

1st Level Menu	2nd/3rd Level Menu		Description
		Left Top	
	Location	Right Top	Location is adjustable in OSD Menu. Press the Mi ddla Button to confirm and apply your Befrach Bata
Refresh Rate	Location	Left Bottom	ddle Button to confirm and apply your Refresh Rate Location.
neiresti nate		Right Bottom	This monitor follows and works at the Operating S
	OFF		ystem's preset Screen Refresh Rate.
	ON		
		Left Top	
	Location	Right Top	
	Location	Left Bottom	
		Right Bottom	After setting the time, press the Middle Button to a ctivate the timer.
Alarm Clock	OFF		Users have to manually restore their preset Alarm
	15:00		Clock after any AC power loss and reconnection.
		7	

	30:00	00:01 ~ 99:59		
	45:00			
	60:00			
			Select OFF to disable E	ye-Q Check.
			Activating Eye-Q Check	will affect:
			Affected Function	Function Status
	OFF		» Refresh Rate	
			» Alarm Clock	
Eva O Chaok			» Screen Assistance	» Set to OFF
Eye-Q Check			» Info. On Screen	
	Amsler Grid		Select Amsler Grid to check your central vision fiel d.	
	Astigmatism		Select Astigmatism to check your blurred vision.	
	Posture Correction		Select Posture Correction to improve your posture when sitting.	
	None			
Screen Assistance			Users can adjust Screen	n Assistance in any mode.

1st Level Menu	2nd/3rd Level Menu	Description	Description	
	Auto	Users can adjust Screen Size in any mode, an solution, and any screen refresh rate.		
Screen Size	4:3			
	16:9			
Adaptive-Sync	OFF	Adaptive-Sync prever	Adaptive-Sync prevents screen tearing.	
		Activating Adaptive-S	ync will affect:	
	ON	Affected Function	Function Status	
		» MPRT	Set to OFF	
			,	

Image

1st Level Menu	2nd/3rd Level Menu	Description	
Brightness	0-100	Properly adjust Brightness according to the surrou nding lighting.	
Contrast	0-100	Properly adjust Contrast to relax your eyes.	
Sharpness	0-5	Sharpness improves the clarity and details of imag es.	
	OFF		
	Weak		
Image Enhancement	Medium	 Image Enhancement enhances image edges to im prove their acutance. 	
	Strong		
	Strongest		
	OFF	Low Blue Light protects your eyes against blue ligh t. When enabled, Low Blue Light adjusts the screen	
Low Blue Light	ON	color temperature to a more yellow glow. • When Mode is set to Anti-Blue, it is mandatory to e nable Low Blue Light.	
	OFF		
		HDCR enhances image quality by increasing the contract of images.	
		ontrast of images.	
		Activating HDCR will affect:	
HDCR			

			Affected Function	Function Status
	ON		» Brightness	Unable to select
			» MPRT	Set to OFF
	Cool			
	Cool		Use the Up or Down Button to select and preview mode effects.	
	Normal			
Color Temperature Warm			Press the Middle Button to confirm and apply your state to the second state.	
Color remperature	Customization	R (0-100)	 mode type. Users can adjust Color Temperature in Customization mode. 	_
		G (0-100)		Temperature in
		B (0-100)		

1st Level Menu	2nd/3rd Level Menu	Description	
Auto Config		For D-Sub only, this setting will be grayed out whe n detecting other input sources.	
Clock 0-100		 Adjust the Clock setting. For D-Sub only, this setting will be grayed out whe n detecting other input sources. 	
Phase	0-100	 Adjust the Phase setting. For D-Sub only, this setting will be grayed out we need to detecting other input sources. 	
H.Position	0-100	 Adjust H.Position setting. For D-Sub only, this setting will be grayed out we need to detecting other input sources. 	
V.Position	0-100	 Adjust V.Position setting. For D-Sub only, this setting will be grayed out whe n detecting other input sources. 	

Input Source

1st Level Menu	2nd Level Menu	Description	
HDMI™		Users can adjust the Input Source in any mode.	
D-Sub			
	OFF	Users can use the Navi Key to select Input Source at below status:	
Auto Scan	ON	While "Auto Scan" is set to "OFF" with the monitor at power saving mode;	
		While "No Signal" message box is shown on the monitor.	

Navi Key

1st Level Menu	2nd Level Menu	Description
	OFF	
Up Down Left Right	Brightness	
	Mode	
	Alarm Clock	All Navi Key items can be adjusted via OSD Menus.
	Input Source	
	Refresh Rate	
	Info. On Screen	

Settings

1st Level Menu	2nd Level Menu	Description			
	English				
	Français				
	Deutsch				
	Italiano				
	Español	Users have to press the	Middle Button to confirm and apply		
		the Language setting.			
Language			dent setting. Users' language settin y. When users set Reset to Yes, La		
	Русский	nguage will not be change			
	Português				
	Bahasa Indonesia				
	Türkçe				
	(More languages comi ng soon)				
Transparency	0~5	Users can adjust Transparency in any mode.			
OSD Time Out	5~30s	Users can adjust OSD Time Out in any mode.			
Dower Putter	OFF	When set to OFF, users off the monitor.	can press the power button to turn		
Power Button	Standby	When set to Standby, users can press the power button to turn off the panel and backlight.			
	OFF	The information on the monitor status will be shown on the			
		ight side of the screen. • Activating Info. On Screen will affect:			
Info. On Screen	ON	Affected Function	Function Status		
		» Eye-Q Check	Set to OFF		
YES		Users can Reset and restore settings to the original OSD D			
Reset	NO	efault in any mode.			

Specifications

Monitor	PRO MP225		
Size	21.5 inch		
Curvature	Flat		
Panel Type	IPS		
Resolution	1920×1080 (FHD)		
Aspect Ratio	16:9		
Brightness	250 nits (typ.)		
Contrast Ratio	1300:1		
Refresh Rate	100Hz		
	• 1ms (MPRT)		
Response Time	• 4ms (GTG)		
I/O	HDMI™ Connector x1 D-Sub Port x1 Headphone Jack x1		
View Angles	178°(H) , 178°(V)		
DCI-P3*/ sRGB	84% / 107%		
Surface Treatment	Anti-glare		
Display Colors	16.7M		
Monitor Power Options	12V 2A		
External Power Supply	24W, 12V		
Power Input	100-240Vac, 50/60Hz		
Power Output	12V2A		
Adjustment (Tilt)	-5° ~ 20°		
Kensington Lock	Yes		
VESA Mounting	Plate Type: 100 x 100 mm Screw Type: M4 x 10 mm Thread Diameter: 4 mm Thread Pitch: 0.7 mm Thread Length: 10 mm		

Monitor		PRO MP225	
Dimension (W x H x D)		489.4 x 384.8 x 182.3 mm	
Weight	Net	2.3 kg	
	Gross	4.1 kg	
Environment	Operating	 Temperature: 0°C to 40°C Humidity: 20% to 90%, non-condensing Altitude: 0 ~ 5000m 	
	Storage	Temperature: -20°C to 60°C Humidity: 10% to 90%, non-condensing	

Preset Display Modes

ImportantAll information is subject to change without prior notice.

Standard	Resolution		HDMI™	D-Sub
VGA	640x480	@60Hz	٧	V
		@67Hz	٧	V
		@72Hz	V	V
		@75Hz	٧	V
Dos-Mode	720x480	@60Hz	٧	
	720x576	@50Hz	V	
SVGA	800x600	@56Hz	٧	V
		@60Hz	٧	V
		@72Hz	٧	V
		@75Hz	٧	V
XGA	1024x768	@60Hz	٧	V
		@70Hz	٧	V
		@75Hz	٧	V
SXGA	1280x1024	@60Hz	٧	V
		@75Hz	٧	V
WSXGA+	1680x1050	@60Hz	٧	V
Full HD	1920×1080	@60Hz	٧	V
		@85Hz	٧	
		@100Hz	٧	
Video Timing Resolution	480P		V	
	576P		٧	
	720P		٧	
	1080P @60Hz		٧	

Troubleshooting

• The power LED is off.

- Press the monitor power button again.
- Check if the monitor power cable is properly connected.

· No image.

- Check if the computer graphics card is properly installed.
- Check if the computer and monitor are connected to electrical outlets and are turned on.
- Check if the monitor signal cable is properly connected.
- The computer may be in Standby mode. Press any key to activate the monitor.

• The screen image is not properly sized or centered.

• Refer to Preset Display Modes to set the computer to a setting suitable for the monitor to display.

· No Plug & Play.

- Check if the monitor power cable is properly connected.
- Check if the monitor signal cable is properly connected.
- Check if the computer and graphics card are Plug & Play compatible.

. The icons, font, or screen are fuzzy, blurry, or have color problems.

- · Avoid using any video extension cables.
- · Adjust brightness and contrast.
- Adjust RGB color or tune color temperature.
- Check if the monitor signal cable is properly connected.
- Check for bent pins on the signal cable connector.

· The monitor starts flickering or shows waves.

- Change the refresh rate to match the capabilities of your monitor.
- · Update your graphics card drivers.
- Keep the monitor away from electrical devices that may cause electromagnetic interference (EMI).

Safety Instructions

- Read the safety instructions carefully and thoroughly.
- All cautions and warnings on the device or User Guide should be noted.
- · Refer servicing to qualified personnel only.

Power

- Make sure that the power voltage is within its safety range and has been adjusted properly to the value of 100~240V before connecting the device to the power outlet.
- If the power cord comes with a 3-pin plug, do not disable the protective earth pin from the plug. The device must be connected to an earthed main socket outlet.
- Please confirm the power distribution system in the installation site shall provide the circuit breaker rated 120/240V, 20A (maximum).
- Always disconnect the power cord or switch the wall socket off if the device is left unused for a certain time to achieve zero energy consumption.
- Place the power cord in a way that people are unlikely to step on it. Do not place anything on the power cord.
- If this device comes with an adapter, use only the MSI-provided AC adapter approved for use with this device.

Environment

- To reduce the possibility of heat-related injuries or overheating the device, do not place the device on a soft, unsteady surface or obstruct its air ventilators.
- Use this device only on a hard, flat, and steady surface.
- To prevent the device from tipping over, secure the device to a desk, wall, or fixed object with an anti-tip fastener that helps to properly support the device and keep it safe in place.
- To prevent fire or shock hazards, keep this device away from humidity and high temperature.
- Do not leave the device in an unconditioned environment with a storage temperature above 60°C or below -20°C, which may damage the device.
- The maximum operating temperature is around 40°C.
- When cleaning the device, be sure to remove the power plug. Use a piece of soft cloth rather than industrial
 chemicals to clean the device. Never pour any liquid into the opening; that could damage the device or cause
 electric shock.

• Always keep strong magnetic or electrical objects away from the device.

If any of the following situations arise, get the device checked by service personnel:

- The power cord or plug is damaged.
- · Liquid has penetrated the device.
- The device has been exposed to moisture.
- The device does not work well or you can not get it working according to the User Guide.
- The device has dropped and is damaged.
- The device has obvious signs of breakage.

TÜV Rheinland Certification

TÜV Rheinland Low Blue Light Certification

Blue light has been shown to cause eye fatigue and discomfort. MSI now offers monitors with TÜV Rheinland Low Blue Light certification to ensure users' eye comfort and well-being. Please follow the instructions below to reduce the symptoms from extended exposure to the screen and blue light.



www.tuv.com

- Place the screen 20 28 inches (50 70 cm) away from your eyes and a little below eye level.
- Consciously blinking the eyes now and then will help to reduce eye strain after extended screen time.
- Take breaks for 20 minutes every 2 hours.
- Look away from the screen and gaze at a distant object for at least 20 seconds during breaks.
- Make stretches to relieve body fatigue or pain during breaks.
- Turn on the optional Low Blue Light function.

TÜV Rheinland Flicker Free Certification

- TÜV Rheinland has tested this product to ascertain whether the display produces visible and invisible flicker for the human eye and therefore strains the eyes of users.
- TÜV Rheinland has defined a catalog of tests, which sets out minimum standards at various frequency ranges.
 The test catalog is based on internationally applicable standards or standards common within the industry and exceeds these requirements.

- The product has been tested in the laboratory according to these criteria.
- The keyword "Flicker Free" confirms that the device has no visible and invisible flicker defined in this standard within the range of 0 3000 Hz under various brightness settings.
- The display will not support Flicker-Free when Anti Motion Blur/MPRT is enabled. (The availability of Anti Motion Blur/MPRT varies by product.)



ENERGY STAR Certification ENERGY STAR is a program run by the U.S. Environmental

- Protection Agency (EPA) and the U.S. Department of Energy (DOE) to promote energy efficiency. This product qualifies for ENERGY STAR in the "factory default" settings through which power savings will be achieved.
- Changing the factory default picture settings or enabling other features will increase power consumption, which could exceed the limits necessary to qualify for an ENERGY STAR rating.
- For more information on ENERGY STAR, refer to https://www.energystar.gov/.



Regulatory Notices 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 the Official Journal of the European Union.

FCC-B Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the receiver.
- Connect the equipment to 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 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.
- MSI Computer Corp.
- 901 Canada Court, City of Industry, CA 91748, USA
- <u>626-913-0828</u>
- www.msi.com.

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.



Chemical Substances Information

• In compliance with chemical substances regulations, such as the EU REACH Regulation (Regulation EC No. 1907/2006 of the European Parliament and the Council), MSI provides information on chemical substances in

products at: https://csr.msi.com/global/index

RoHS Statement Japan JIS C 0950 Material Declaration

- A Japanese regulatory requirement, defined by specification JIS C 0950, mandates that manufacturers provide material declarations for certain categories of electronic products offered for sale after July 1, 2006.
- https://csr.msi.com/global/Japan-JIS-C-0950-Material-Declarations

India RoHS

 This product complies with the "India E-waste (Management and Handling) Rule 2016" and prohibits the use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Turkey EEE Regulation

Conforms to the EEE Regulations of the Republic Of Turkey

Ukraine Restriction of Hazardous Substances

• The equipment complies with the requirements of the Technical Regulation, approved by the Resolution of Cabinet of the Ministry of Ukraine as of 10 March 2017, № 139, in terms of restrictions for the use of certain dangerous substances in electrical and electronic equipment.

Vietnam RoHS

 As of December 1, 2012, all products manufactured by MSI comply with Circular 30/2011/TT-BCT temporarily regulating the permitted limits for some hazardous substances in electronic and electric products.

Green Product Features

- Reduced energy consumption during use and stand-by
- · Limited use of substances harmful to the environment and health
- · Easily dismantled and recycled
- Reduced use of natural resources by encouraging recycling
- · Extended product lifetime through easy upgrades
- Reduced solid waste production through a take-back policy

Environmental Policy

- The product has been designed to enable proper reuse of parts and recycling and should not be thrown away at its end of life.
- · Users should contact the local authorized point of collection for recycling and disposing of their end-of-life

products.

- Visit the MSI website and locate a nearby distributor for further recycling information.
- Users may also reach us at <u>gpcontdev@msi.com</u> for information regarding proper disposal, take-back, recycling, and disassembly of MSI products.

Warning! Overuse of screens is likely to affect eyesight.

Recommendations:

- 1. Take a 10-minute break for every 30 minutes of screen time.
- 2. Children under 2 years of age should have no screen time. For children aged 2 years and over, screen time should be limited to less than one hour per day.

Copyright and Trademarks Notice

Copyright © Micro-Star Int'l Co., Ltd. All rights reserved. The MSI logo used is a registered trademark of Micro-Star Int'l Co., Ltd. All other marks and names mentioned may be trademarks of their respective owners. No warranty as to accuracy or completeness is expressed or implied. MSI reserves the right to make changes to this document without prior notice.

The terms HDMI[™], HDMI[™] High-Definition Multimedia Interface, HDMI[™] Trade dress, and the HDMI[™] Logos are trademarks or registered trademarks of HDMI[™] Licensing Administrator, Inc.

Technical Support

- If a problem arises with your product and no solution can be obtained from the user's manual, please contact your place of purchase or local distributor.
- Alternatively, please visit https://www.msi.com/support/ for further guidance.

Documents / Resources

msi PRO MP225 LCD Monitor [pdf] User Guide
PRO MP225 LCD Monitor, PRO MP225, LCD Monitor, Monitor

References

- ♣ Homepage | ENERGY STAR
- HDMI Cables Different Cable Types
- User Manual

Manuals+, Privacy Policy