

Operating Instruction Manual

UHD LCD MONITOR



Safety Symbols & Precautions

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Safety Symbols

	WARNING Failure to abide by the information in a WARNING may result in serious injury and can be life threatening.
	CAUTION Failure to abide by the information in a CAUTION may result in moderate injury and/or property or product damage.
	Alert electrical hazard.
	Indicates a prohibited action.
	Indicates to ground for safety.

This manual uses below safety symbols. They denote critical information. Please read them carefully.

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The design of this apparatus is safe to patient. We will try the best to assure the newest information be shown in this manual, but the information in this document is subject to change without prior notice.

Precautions

To ensure personal safety and proper maintenance, please read this section and the caution statements on the unit.

WARNING

If the unit begins to emit smoke, smells like something is burning, or makes strange noises, disconnect all power connections immediately and contact your dealer for advice.

Attempting to use a malfunctioning unit may result in fire, electric shock, or equipment damage.

Do not open the cabinet or modify the unit.

Opening the cabinet or modifying the unit may result in fire, electric shock, or burn.

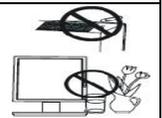


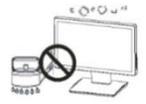
Refer all servicing to qualified service personnel.

Do not attempt to service this product yourself as opening or removing covers may result in fire, electric shock, or equipment damage.

Keep small objects or liquids away from the unit.

Small objects accidentally falling through the ventilation slots into the cabinet or spillage into the cabinet may result in fire, electric shock, or equipment damage. If an object or liquid falls/spills into the cabinet, unplug the unit immediately. Have the unit checked by a qualified service engineer before using it again.



<p>Set up the unit in an appropriate location.</p> <p>Not doing so may result in fire, electric shock, or equipment damage.</p> <ul style="list-style-type: none"> - Do not place the unit outdoors. - Do not install the unit in transportation systems (ship, aircraft, trains, automobiles, etc.) - Do not place the unit in a dusty or humid environment. - Do not place the unit in a location where the steam comes directly on the screen. - Do not place the unit near heat generating devices or a humidifier. - Do not place the unit in an inflammable gas environment. 
<p>To avoid danger of suffocation, keep the plastic packing bags away from babies and children.</p> 
<p>Use the enclosed power cord and connect to the standard power outlet of your country.</p> <p>Be sure to remain within the rated voltage of the power cord. Not doing so may result in fire or electric shock.</p>
<p>To disconnect the power cord, grasp the plug firmly and pull.</p> <p>Tugging on the cord may damage and result in fire or electric shock.</p> 
<p>The equipment must be connected to a grounded main outlet.</p> <p>Not doing so may result in fire or electric shock.</p> 
<p>Use the correct voltage.</p> <ul style="list-style-type: none"> - The unit is designed for use with a specific voltage only. Connection to another voltage than specified in this User's Manual may cause fire, electric shock, or equipment damage. - Do not overload your power circuit, as this may result in fire or electric shock.
<p>Handle the power cord with care.</p> <ul style="list-style-type: none"> - Do not put the power cord under the unit or other heavy object. - Do not pull up or twist the power cord. <p>If the power cord is broken, stop to use it immediately. Using broken power cord may result in fire or electric shock.</p> 

<p>Never touch the plug and power cord if it begins to thunder.</p> <p>Touching them may result in electric shock.</p> 
<p>Do not touch a damaged LCD panel directly with bare hands.</p> <p>The liquid crystal that may leak from the panel is poisonous if it enters the eyes or mouth. If any part of the skin or body comes in direct contact with the panel, please wash thoroughly. If some physical symptoms result, please consult your doctor.</p> 

CAUTION

<p>Handle with care when carrying the unit.</p> <p>Disconnect the power cord and signal cables and remove the optional unit. Moving the unit with the cord or the option attached is dangerous. It may result in injury.</p>
<p>When handling the unit, grip the bottom of the unit firmly with both hands ensuring the panel faces outward before lifting.</p> <p>Dropping the unit may result in injury or equipment damage.</p> 
<p>Do not block the ventilation slots on the cabinet.</p> <p>Do not place any objects on the ventilation slots.</p> <p>Do not install the unit in a closed space.</p> <p>Do not use the unit laid down or upside down.</p> <p>Blocking the ventilation slots prevents proper airflow and may result in fire, electric shock, or equipment damage.</p> 
<p>Do not touch the plug with wet hands.</p> <p>Doing so may result in electric shock.</p> 
<p>Periodically clean the area around the plug.</p> <p>Dust, water, or oil on the plug may result in fire.</p>
<p>Unplug the unit before cleaning it.</p> <p>Cleaning the unit while it is plugged into a power outlet may result in electric shock.</p>
<p>If you plan to leave the unit unused for an extended period, disconnect the power cord from the wall socket after turning off the power switch for the safety and the power conservation.</p>

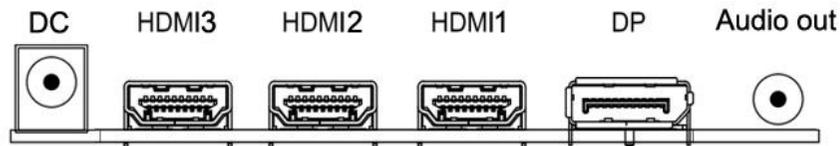
Accessories

Please check the following listed accessories before installation:

AC cable	X1	HDMI cable	X1	User Manual	X1
Adapter	X1	LCD Monitor	X1		

Installation

1. Rear Interface



Explanation of connectors

DC: power supply 12V 4A

HDMI (1/2/3): Lets you connect a device, such as a digital cable box, with an HDMI or a DVI output. HDMI (High Definition Multimedia Interface) Provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your MONITOR is also compatible with DVI devices. HDMI Input lets you connect a device, such as a digital cable box, with an HDMI output. HDMI1[2.0 & downwards]; HDMI2&3[1.4 & downwards]

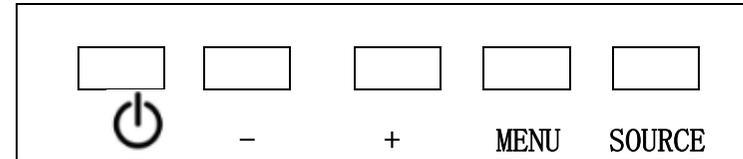
DP: Connect a video output device with DP. Computer / Notebook.

AUDIO OUT: Connect external 3.5mm headphones or active speakers

Controls & Functions

Buttons on the lower-right part of the panel

You can use the side panel buttons in the lower right part of your monitor to operate many of the monitor's features.



1. Turn on / off the monitor
2. **SOURCE:** Accesses the available video input signals (DP , HDMI1[2.0], HDMI2[1.4], HDMI3[1.4])
3. **MENU:** Bring up the MONITOR main menu.
4. **+**: Turn on the brightness. In the MONITOR menu system, adjusts menu controls.
5. **-** : Turn on the picture mode. In the MONITOR menu system, adjusts menu controls.
6. **Indicator:** In red when standby mode, in green when display.

HOW to use buttons

- Use the buttons on the right side control panel to adjust the OSD
1. To access the OSD Menu press 'MENU'.
 2. Use the 'MENU' buttons to select the required menu item, then press the '+' or '-' button to select the Sub menu.
 3. Continue to use the 'MENU' button to highlight the required field, then press '+' or '-' to adjust the Set.
 4. Press the 'SOURCE' button to return to previous menu.
 5. Press the 'SOURCE' button again to exit the OSD Menu completely.

OSD setup

OSD setup under HDMI & DP input mode

Menu	<table border="1"> <tr> <th colspan="2">HDMI2</th> <th>Resolution:3840x2160@30Hz</th> </tr> <tr> <td>Input Source</td> <td>DP</td> <td></td> </tr> <tr> <td>Brightness/Contrast</td> <td>HDMI1[2.0]</td> <td></td> </tr> <tr> <td>Color Setting</td> <td>● HDMI2[1.4]</td> <td></td> </tr> <tr> <td>Picture Quality Setting</td> <td>HDMI3[1.4]</td> <td></td> </tr> <tr> <td>Display</td> <td></td> <td></td> </tr> <tr> <td>Audio</td> <td></td> <td></td> </tr> <tr> <td>Multi-Window</td> <td></td> <td></td> </tr> <tr> <td>OSD</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td></td> <td> Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz </td> <td> Window2: InputSource: Resolution: </td> </tr> <tr> <td></td> <td> Window3: InputSource: Resolution: </td> <td> Window4: InputSource: Resolution: </td> </tr> </table>	HDMI2		Resolution:3840x2160@30Hz	Input Source	DP		Brightness/Contrast	HDMI1[2.0]		Color Setting	● HDMI2[1.4]		Picture Quality Setting	HDMI3[1.4]		Display			Audio			Multi-Window			OSD			Other				Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz	Window2: InputSource: Resolution:		Window3: InputSource: Resolution:	Window4: InputSource: Resolution:
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Remark	<p>Input Source:</p> <p>The monitor will automatically Display the channel that with signal feed in.</p>																																				

Menu	<table border="1"> <tr> <th colspan="2">HDMI2</th> <th>Resolution:3840x2160@30Hz</th> </tr> <tr> <td>Input Source</td> <td>Brightness</td> <td>80</td> </tr> <tr> <td>Brightness/Contrast</td> <td>Contrast</td> <td>50</td> </tr> <tr> <td>Color Setting</td> <td>DCR</td> <td>Off</td> </tr> <tr> <td>Picture Quality Setting</td> <td></td> <td></td> </tr> <tr> <td>Display</td> <td></td> <td></td> </tr> <tr> <td>Audio</td> <td></td> <td></td> </tr> <tr> <td>Multi-Window</td> <td></td> <td></td> </tr> <tr> <td>OSD</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td></td> <td> Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz </td> <td> Window2: InputSource: Resolution: </td> </tr> <tr> <td></td> <td> Window3: InputSource: Resolution: </td> <td> Window4: InputSource: Resolution: </td> </tr> </table>	HDMI2		Resolution:3840x2160@30Hz	Input Source	Brightness	80	Brightness/Contrast	Contrast	50	Color Setting	DCR	Off	Picture Quality Setting			Display			Audio			Multi-Window			OSD			Other				Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz	Window2: InputSource: Resolution:		Window3: InputSource: Resolution:	Window4: InputSource: Resolution:
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	Window3: InputSource: Resolution:	Window4: InputSource: Resolution:																																			
Remark	<p>Brightness/Contrast:</p> <p>Brightness: Set the image brightness (0-100) Contrast: Set the image Contrast (0-100) DCR: Set the dynamic contrast ratio (on / off)</p>																																				

Menu	HDMI2 Resolution:3840x2160@30Hz		
	Input Source	Gamma	2.2
	Brightness/Contrast	Picture Mode	Standard
	Color Setting		
		Color Temperature	Warm
	Picture Quality Setting	Hue	50
	Display	Saturation	50
	Audio	Low Blue Light	0
	Multi-Window		
	OSD		
	Other		
		Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz	Window2: InputSource: Resolution:
		Window3: InputSource: Resolution:	Window4: InputSource: Resolution:
Remark	<p>Color Set:</p> <p>Gamma: Set the image gamma (1.8, 2.0, 2.2, 2.4, 2.6)</p> <p>Picture Mode: Set the image mode (Standard, photo, movie, game)</p> <p>Color Temperature: Set the color temperature (Normal, warm, cool, user)</p> <p>Hue: Set the image hue (0-100)</p> <p>Saturation: Set the image Saturation(0-100)</p> <p>Low Blue Light: Set the low blue light(0-100)</p>		

Menu	HDMI2 Resolution:3840x2160@30Hz		
	Input Source	Sharpness	50
	Brightness/Contrast	Response Time	Off
	Color Setting	Noise Reduction	Off
	Picture Quality Setting		
		Super Reduction	Off
	Display	Dynamic Luminous Contro	Off
	Audio		
	Multi-Window		
	OSD		
	Other		
		Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz	Window2: InputSource: Resolution:
		Window3: InputSource: Resolution:	Window4: InputSource: Resolution:
Remark	<p>Picture Quality Set:</p> <p>Sharpness: Set the picture sharpness (0-100)</p> <p>Response Time: Set the picture response time (off, high, middle, low)</p> <p>Noise Reduction: Set the picture noise reduction (off, high, middle, low)</p> <p>Super Resolution: Set the picture super resolution (off, high, middle, low)</p> <p>Dynamic Luminous Control: Set the picture dynamic luminous (on / off)</p>		

Menu	<table border="1"> <tr> <th colspan="2">HDMI2</th> <th>Resolution:3840x2160@30Hz</th> </tr> <tr> <td>Input Source</td> <td>Aspect Ratio</td> <td>Wide Screen</td> </tr> <tr> <td>Brightness/Contrast</td> <td></td> <td></td> </tr> <tr> <td>Color Setting</td> <td></td> <td></td> </tr> <tr> <td>Picture Quality Setting</td> <td></td> <td></td> </tr> <tr> <th>Display</th> <td></td> <td></td> </tr> <tr> <td>Audio</td> <td></td> <td></td> </tr> <tr> <td>Multi-Window</td> <td></td> <td></td> </tr> <tr> <td>OSD</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td></td> <td> Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz Window3: InputSource: Resolution: </td> <td> Window2: InputSource: Resolution: Window4: InputSource: Resolution: </td> </tr> </table>	HDMI2		Resolution:3840x2160@30Hz	Input Source	Aspect Ratio	Wide Screen	Brightness/Contrast			Color Setting			Picture Quality Setting			Display			Audio			Multi-Window			OSD			Other				Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz Window3: InputSource: Resolution:	Window2: InputSource: Resolution: Window4: InputSource: Resolution:
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	Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz Window3: InputSource: Resolution:	Window2: InputSource: Resolution: Window4: InputSource: Resolution:																																
Remark	<p>Display:</p> <p>Aspect Ratio: Screen aspect ratio Set (wide screen, 4:3, 1:1, auto)</p>																																	

Menu	<table border="1"> <tr> <th colspan="2">HDMI2</th> <th>Resolution:3840x2160@30Hz</th> </tr> <tr> <td>Input Source</td> <td>Mute</td> <td>Off</td> </tr> <tr> <td>Brightness/Contrast</td> <td>Volume</td> <td>50</td> </tr> <tr> <td>Color Setting</td> <td></td> <td></td> </tr> <tr> <td>Picture Quality Setting</td> <td></td> <td></td> </tr> <tr> <th>Display</th> <td></td> <td></td> </tr> <tr> <th>Audio</th> <td></td> <td></td> </tr> <tr> <td>Multi-Window</td> <td></td> <td></td> </tr> <tr> <td>OSD</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td></td> <td> Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz Window3: InputSource: Resolution: </td> <td> Window2: InputSource: Resolution: Window4: InputSource: Resolution: </td> </tr> </table>	HDMI2		Resolution:3840x2160@30Hz	Input Source	Mute	Off	Brightness/Contrast	Volume	50	Color Setting			Picture Quality Setting			Display			Audio			Multi-Window			OSD			Other				Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz Window3: InputSource: Resolution:	Window2: InputSource: Resolution: Window4: InputSource: Resolution:
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Remark	<p>Audio:</p> <p>Mute: Mute the audio output to the earphone (on / off) Volume: Set the audio output volume to the earphone (0-100)</p>																																	

Menu	HDMI2 Resolution:3840x2160@30Hz		
	Input Source	Multi-Window	Off
	Brightness/Contrast	Sub Win2 Input	HDMI2[1.4]
	Color Setting	Sub Win3 Input	HDMI3[1.4]
	Picture Quality Setting	Sub Win4 Input	DP
	Display	PIP Size	Medium
	Audio	PIP Position	TopRight
	Multi-Window	Swap	
	OSD		
	Other		
		Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz Window3: InputSource: Resolution:	Window2: InputSource: Resolution: Window4: InputSource: Resolution:
	Remark	Multi-Window: Multi-Window: Set the screen multi-window (off, PIP mode, PBP 2win, PBP 3Win, PBP 4Win) Sub Win2 Input: Set the sub win2 input (HDMI2[1.4]) Sub Win3 Input: Set the sub win3 input (HDMI3[1.4]) Sub Win4 Input: Set the sub win4 DP PIP Size: Set the PIP picture size (small, medium, large) PIP Position: Set the PIP sub window position (top right, top left, bottom right, bottom left) Swap: Switch the main window with the sub window	

Menu	HDMI2 Resolution:3840x2160@30Hz		
	Input Source	Language	English
	Brightness/Contrast	OSD H-Position	50
	Color Setting	OSD V-Position	50
	Picture Quality Setting	OSD Transparency	20
	Display	OSD Time Out	20
	Audio	OSD Rotation	Normal
	Multi-Window		
	OSD		
	Other		
		Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz Window3: InputSource: Resolution:	Window2: InputSource: Resolution: Window4: InputSource: Resolution:
	Remark	OSD: Language: OSD language selection (English, Chinese, Korean, Russian, Spanish, Japanese, French) OSD H-Position: Change OSD horizontal position adjustment (0-100) OSD V-Position: Change OSD vertical position adjustment (0-100) OSD Transparency: OSD transparency adjustment (0-100) OSD Time Out: OSD display dwell time selection (0-100 seconds) OSD Rotation: OSD rotation adjustment (Normal, 90, 180, 270)	

Menu	<table border="1"> <tr> <th colspan="2">HDMI2</th> <th>Resolution:3840x2160@30Hz</th> </tr> <tr> <td>Input Source</td> <td>Reset</td> <td></td> </tr> <tr> <td>Brightness/Contrast</td> <td></td> <td></td> </tr> <tr> <td>Color Setting</td> <td></td> <td></td> </tr> <tr> <td>Picture Quality Setting</td> <td></td> <td></td> </tr> <tr> <td>Display</td> <td></td> <td></td> </tr> <tr> <td>Audio</td> <td></td> <td></td> </tr> <tr> <td>Multi-Window</td> <td></td> <td></td> </tr> <tr> <td>OSD</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td></td> <td> Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz </td> <td> Window2: InputSource: Resolution: </td> </tr> <tr> <td></td> <td> Window3: InputSource: Resolution: </td> <td> Window4: InputSource: Resolution: </td> </tr> </table>	HDMI2		Resolution:3840x2160@30Hz	Input Source	Reset		Brightness/Contrast			Color Setting			Picture Quality Setting			Display			Audio			Multi-Window			OSD			Other				Window1: InputSource: HDMI2 Resolution: 3840x2160@30Hz	Window2: InputSource: Resolution:		Window3: InputSource: Resolution:	Window4: InputSource: Resolution:
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Remark	<p>Other:</p> <p>Reset: Reset the monitor to default factory setting.</p>																																				

Care and Cleaning

CAUTION: Turn off your MONITOR before cleaning.

You can clean the MONITOR as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

The Monitor's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the Monitor. Also, never place drinks or vases with water on top of the monitor. This could increase the risk of fire or shock hazard or damage to the monitor.

Mounting Your MONITOR to the Wall

Caution: The wall mount must bear a minimum of five times The monitor's net weight without causing damage. To mount your MONITOR to the wall you need to purchase a VESA wall mount. For models 15inch. 17inch . 19inch.20inch, purchase a VESA 100 x 100, KM4x 8mm (100 x 100, for example, means the mounting measurements are 100mm horizontally and 100mm vertically; M4 x 8 mm is the type screw that needs to be used).

1. You need to remove the base first before attaching the wall mount.
 - A. Place the MONITOR face down on a surface that is soft, yet strong enough to hold the MONITOR.
 - B. Use a screwdriver to remove the screws from the four holes on each side of the bottom of the Monitor's base (only use with base)
2. Make sure all cables are already connected to the MONITOR.
3. Follow the directions included with the wall mount to mount the monitor to the wall.

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