



2E D2421B LCD Monitor User Manual

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2E D2421B LCD Monitor



Warnings/Safety precautions

- TO REDUCE THE RISK OF ELECTRIC SHOCK,
- DO NOT REMOVE COVER AND BACK PANEL THERE ARE NO USER-SERVICEABLE PARTS INSIDE.
- I CASE OF DAMAGE OR ERROR REFER SERVICING TO QUALIFIED PERSONNEL.
- Lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock in case of improper usage of the product.
- Exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the product.

WARNING:

- Do not put the monitor in rainy or foggy places to prevent from fire or electric shock.
- To prevent scratches or damages to the LCD screen, do not knock, apply or rub the surface with sharp or hard objects or stiff cloths as wel I as try not to touch the LCD screen with your hands.
- Any modifications to this product that have not been clearly and explicitly approved in advance by the manufacturer responsible for compliance with these regulations are forbidden.

ATTENTION:

Excessive sound pressure from earphones and headphones can cause hearing loss.

Important safety instructions

1. Please read all the instructions carefully before using this product.
2. The instructions should be retained after reading for future reference.
3. Please immediately pull out the AC power plug from an adapter if there is an abnormal sound or smell or the

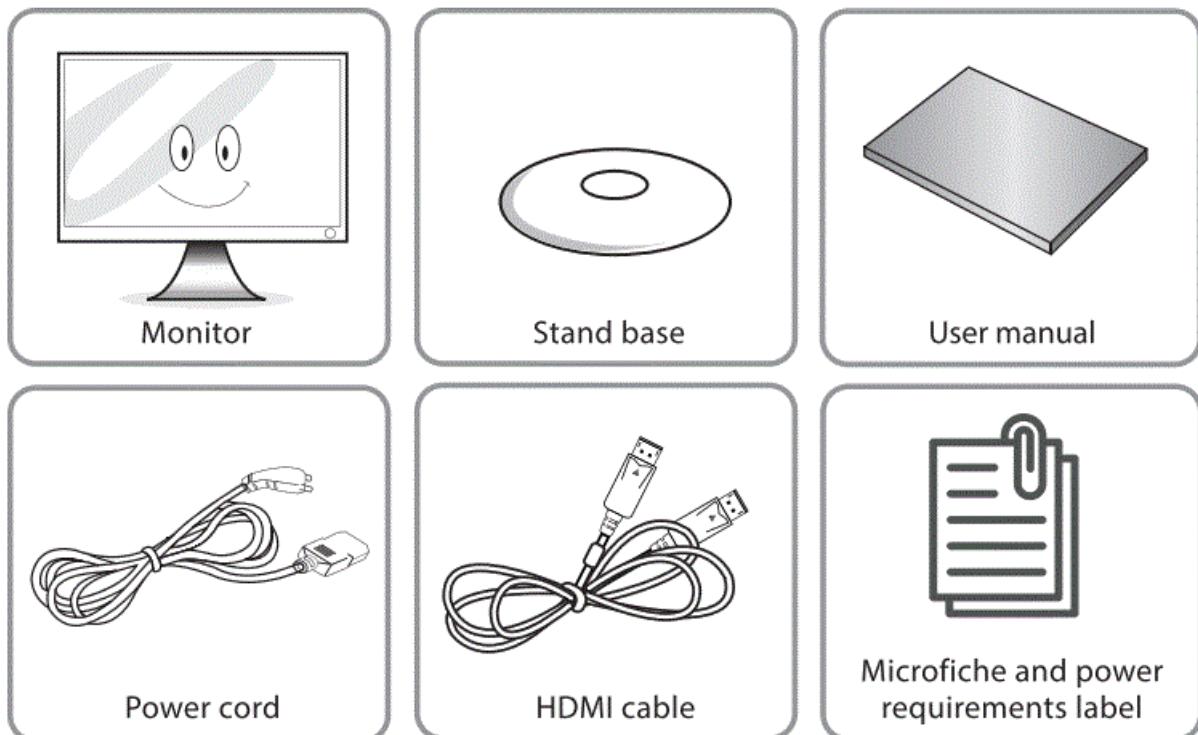
monitor has no picture, and contact after sales support.

4. The monitor should be kept free from rain, damp and dust to prevent electrical shock and short circuits. Do not cover the ventilation openings with table clothes, curtains, newspapers etc.
5. The monitor should be kept away from heating objects or direct sunlight. This product requires good ventilation. Allow 10 cm between the monitor and other appliances or built-in cabinet walls.
6. You may clean the display panel with a soft clean cloth after pulling out the power plug. Do not repeatedly wipe the panel, nor scrape, tap or strike the panel with hard objects, etc.
7. Do not wipe the monitor with any petrol chemical or alcohol-based solvents, as it will lead to product damage to the panel and cabinet.
8. Do not place the monitor on an unstable surface.
9. Do not place the power cord or other cables across a walkway in case it is trampled on, especially at the points of connection to the plug, sockets and the power cord to the appliance.
10. Unplug the appliance during a lightning storm or when it is not used for a long period of time.
11. Unplug this product when the device, power cord or plug are damaged or if the device has been exposed to liquid or moisture, has been mechanically damaged and does not work properly and contact an authorized service centre immediately.
12. Keep this appliance away from liquids, splashes of water and do not place objects filled with liquids on it.
13. Do not disassemble the back cover as it contains high voltages inside and will cause electric shock. There is no spare parts inside. Internal adjustments and checks should only be conducted by qualified professionals.
14. Do not place naked flame sources, such as lit candles on or near the monitor. Please pull out the power plug and contact after sales support if there are abnormal objects or water in the monitor.

Operating Instructions

Components and auxiliary equipment

Before assembling and installing, check for following items to be included in this display package.



Input voltage





AC: 100-240V – 50/60Hz 1 .0A Please consult the back label

Power indicator

Indicator	Mode
No light	Power off
Light	Normal operation mode
Flash light	No input signal

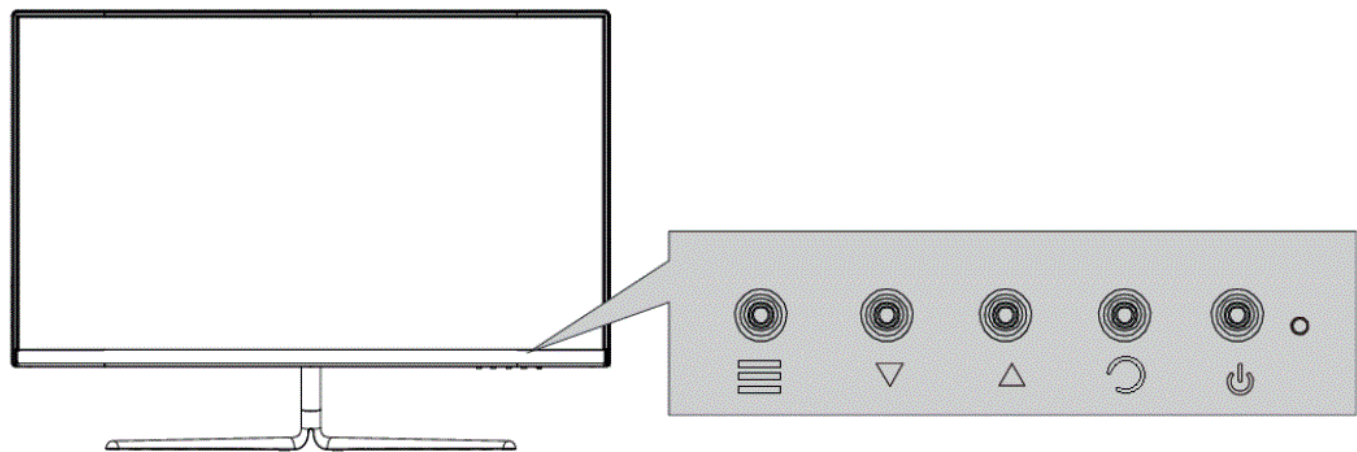
Functions






Statement: this document is a reference manual. Please refer tol the actual product

	HDMI	HDMI input
	VGA	VGA input
	Earphones	Earphones input
	AC input	AC input 100-240V, 50/60Hz, 1.0A

Display control

Description of buttons



Button	Function
 MENU	Show OSD menu / select function
 DOWN	Move the cursor down / decrease value
 UP	Move the cursor up / increase value
 EXIT	Back to last menu / auto adjust
 POWER	Turn ON/OFF monitor

OSDmenu

• BRIGHTNESS

In this section, you can adjust brightness, contrast, and other display settings.

- **BRIGHTNESS** – This setting adjusts dark color balance of the image. If the value is set too high, the image will look blurred. If the value is set too low, the image will be too dark and will not have clear outlines.
- **CONTRAST** -This setting adjusts white balance of the image. If the value is set too high, the image will be too bright and will not have clear outlines. If the value is set too low, the image will look blurred.
- **BLACK EQUALIZER** – The function brightens the dark areas of the image without affecting the light areas of the image.
- **LOW BLUE** -This setting allows you to reduce the blue light emitted by the display, which makes your work more comfortable and reduces eye strain.
- **ECO** -This setting has several standard display modes: Standard, Movie, Text, Game, FPS, RTS.
- **DCR (DYNAMIC CONTRAST)** -Allows you to automatically adjust brightness and contrast of the screen to display darker areas of the image.

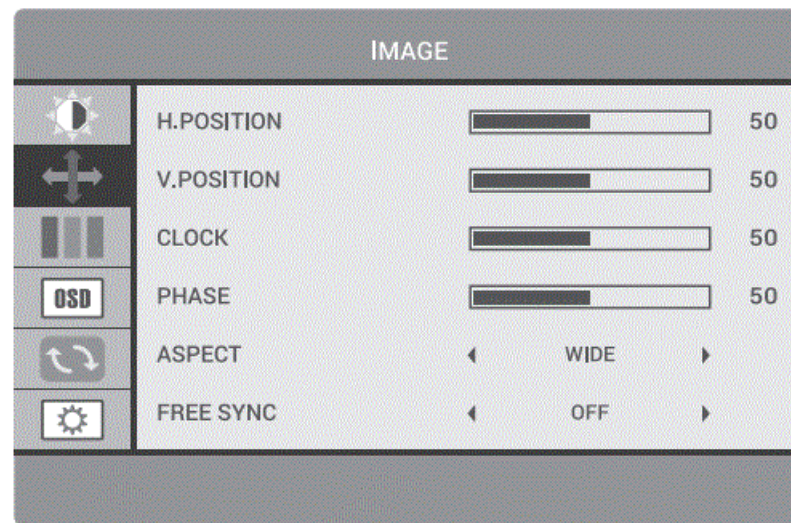


• IMAGE

In this section, you can adjust image position on the monitor screen.

- **H.POSITION** –This setting adjusts horizontal position of the image.
- **V.POSITION** – This setting adjusts vertical position of OFF the image. (ID FREE SYNC

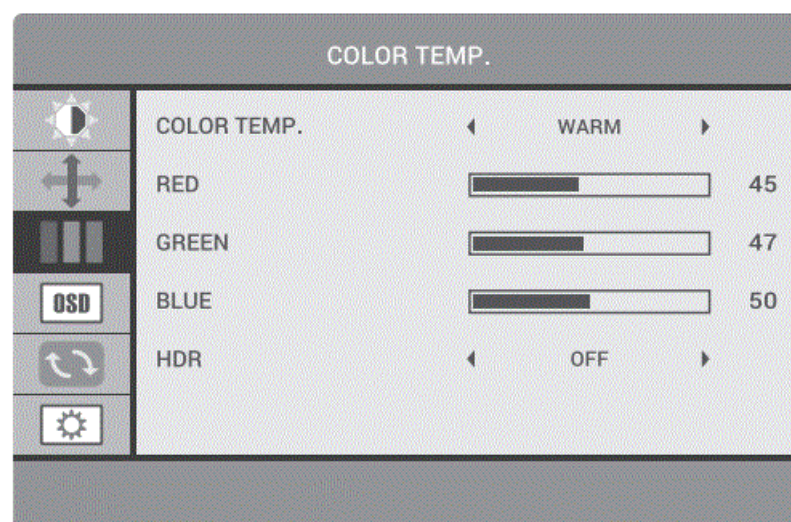
- **CLOCK** – This setting changes width of the image.
- **PHASE** – This setting reduces halos and makes the image clearer.
- **ASPECT** – Allows you to select the following image formats: «Wide» (16:9) or «4:3».
- **FREE SYNC** – Synchronizes the operation of the video card and monitor, which allows you to eliminate image tearing.



• COLOR

In this section, you can adjust color temperature.

- **COLOR TEMP.** – This setting allows you to select one of the color presets: Cool, Custom, Warm, Normal.
- **RED** – This setting adjusts display intensity of red color.
- **GREEN** – This setting adjusts display intensity of green color.
- **BLUE** – This setting adjusts display intensity of blue color.
- **HDR- High Dynamic Range** – HDR makes white color brighter and black color deeper. This makes the image on the monitor more realistic. The following modes are available: On/ Auto/ Off.

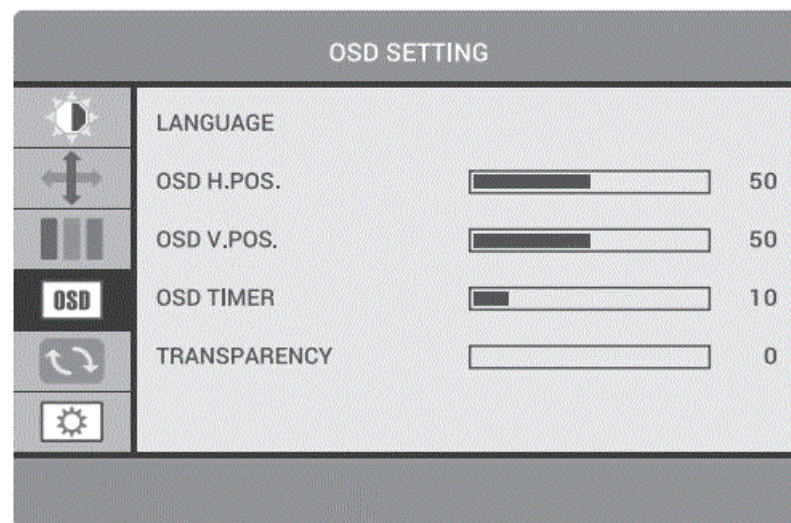


• OSD SETTING

In this section, you can change and adjust the onscreen menu settings.

- **L LANGUAGE** – This setting allows you to select the onscreen menu language.
- **OSD H.POS.** – This setting allows you to adjust horizontal position of the on-screen menu.

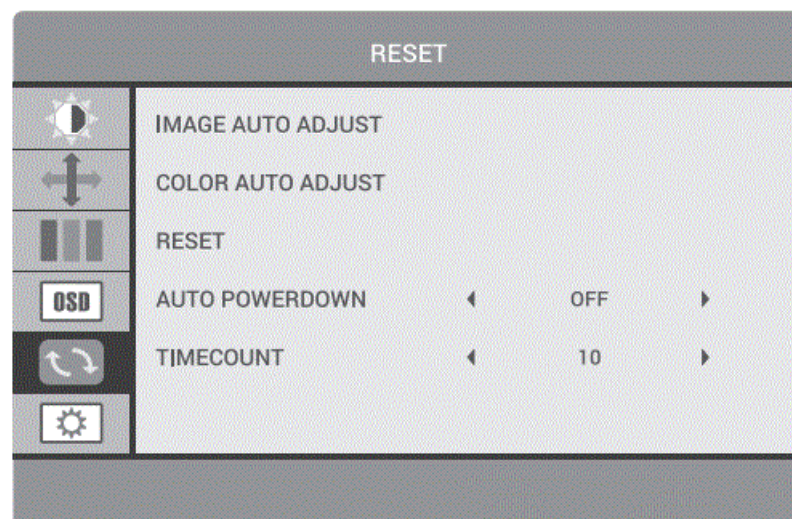
- **OSD V.POS** – This setting allows you to adjust vertical (ID position of the on-screen menu.
- **OSD TIMER** – This setting allows you to set display time of the on-screen menu.
- **TR ANSPARENCY** – This setting helps you adjust the transparency of the on-screen menu.



• RESET

In this section, you can automatically adjust basic image settings and reset all settings to their default values.

- **IMAGE AUTO ADJUST** – Automatically adjusts image settings.
- **COLOR AUTO ADJUST** – Automatically adjusts image color settings.
- **RESET** – This setting resets all the on-screen menu settings to their default values.
- **AUTO POWERDOWN** – Automatically turn off the monitor when the incoming video signal is disconnected (the monitor will automatically turn off when the computer is turned off).
- **TIMECOUNT** – Displays a time counter on the screen. Can be used in games to measure time.



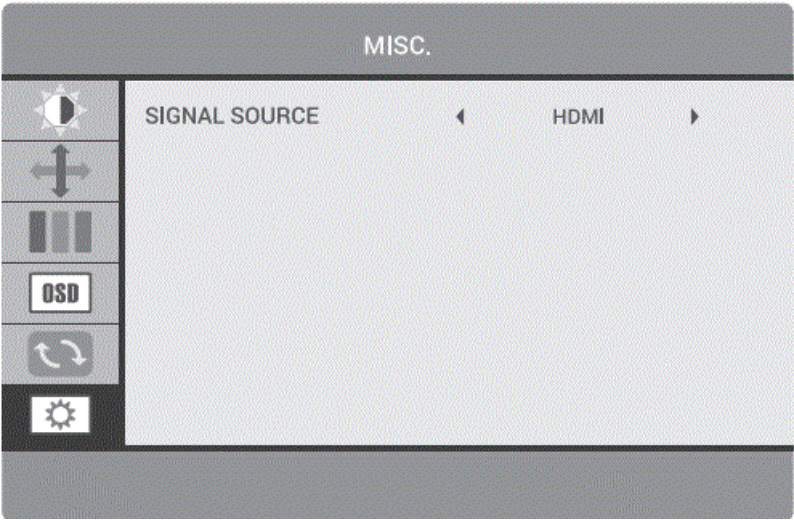
• MISC

Includes advanced image and sound settings.

- **SIGNAL SOURCE** – Allows you to select the port through which the input video signal will be fed to the monitor:
- **HDMI** – Sets the HDMI port as the monitor video source.
- **V G A** – Sets the VGA port as the monitor video source.

Please note: OSD description is for reference only. Some OSD items may not be available on your

model



SPECIFICATION

Model	D2421B
Screen size	23.8"
Matrix type	IPS
Aspect ratio	16:9
Viewing angles	178°/ 178°
Displayable colours	16.7M
Resolution	1920×1080
FPS	75 Hz
Response time	5ms(GTG)
Brightness	300 cd/ m ²
Contrast	1000:1
Interfaces	HDMI, VGA, Earphone
Frequency	HDMI 1920*1080 /75 Hz
	VGA 1920*1080 / 60 Hz
Built-in speakers	No
Screen tilt	15°/ 5°
Height adjustment	No
Screen rotation	No
Monitor Power Options	100-240 V, 50/ 60 Hz, 1.0 A
Power consumption in operating mode (max)	< 30 W
Standby power consumption	‘50.5 W
Wall mounting	Yes, 75×75
Package dimensions	607x112x441 mm
Weight (NET/GROSS)	2.75 kg/4.0 kg

TROUBLESHOOTING

Phenomenon	Troubleshooting
1. Light out/power indicator light is off	Check whether the display and the socket are well connected to power, and whether the display is in the shutdown mode.
2. Image blurring, over-large, over-small, etc.	Enter the menu "Image Setting" and select "Auto Image Adjust" to automatically adjust the display.
3. Image over dark	Enter the menu "Brightness and Contrast" to adjust the brightness and contrast of the display.
4. Display over heat	Leave at least 5cm of distance for ventilation around the display and do not place articles on the display.
5. Dark/ light spots when powering on	This is a normal phenomenon. It is due to the backlight illuminates unevenly at the initial phase of powering on caused by temperature difference. The backlight can illuminate normally after 20 minutes, and then the dark/light spots will be corrected.
6. Image distortion, blinking, shaking	Check computer setting, select the correct resolution and re-adjust the refresh frequency.
7. Power off noise	It is a normal phenomenon caused by display discharging in the process of powering off.

Additional information

The production date is encrypted in the serial number in the format ERC2E *** YYYYMMDD *****, where: YYYYMMDD – year, month and day of production.

WARRANTY CONDITIONS

Dear Customer! Thank you for buying the 2E product that has been designed and manufactured in accordance with and complying to the highest quality standards.

We ask you to keep the warranty card during the whole warranty period. When purchasing a product, ask for a complete filling in of the warranty card.

1. The Warranty Card is valid only if the following information is correctly and clearly stated: model, serial number of the product, date of sale, warranty period, clear seals of the company-seller, signature of the buyer.
2. Service life of the product is 24 months.
3. The product is intended for domestic use only. When using the product in commercial conditions the seller/manufacturer does not bear warranty obligations, the service is carried out on a paid basis.
4. Satisfaction of the customer's claim due to the fault of the manufacturer shall be made in accordance with the law of «On Protection of Consumers' Rights».
5. No warranty is given with respect to any consumer violation of the operating rules set forth in the instructions.
6. The product warranty service is cancelled from the in the following cases:
 - use for other purposes and not for consumer purposes;
 - mechanical damage;

- damage caused by the ingress of objects, substances, liquids, insects into the product; damage caused by natural disasters (rain, wind, lightning, etc.), fire, household factors (excessive humidity, dust, aggressive environment, etc.)
 - damage caused by non-compliance of power supply parameters, cable networks with state standards and other similar factors;
 - in case of violation of the seals installed on the product;
 - absence of serial number of the device, or inability to identify it.
7. The plant guarantees normal operation of the product within 12 months from the date of the sale.
Tear-off maintenance cards are provided by an authorized service center.
8. The complete set of the product has been checked. I am familiar with the terms of warranty service, no complaints.

WARRANTY CARD

Product information/Інформація про виріб/Інформація об изделии

Product/Виріб/Изделие

Model/Модель

Serial number/Серійний номер/Серийный номер

Seller Information/Інформація про продавця/Інформація о продавце

Trade organization name/Назва торгової організації/Название торговой организации

The address/Адреса/Адрес

Date of sale/Дата продажу/Дата продажи

Seller stamp/Штамп продавця/Штамп продавца

Coupon/Талон № 3

Seller stamp/

Штамп продавця/

Штамп продавца

Date of the application/Дата звернення/Дата обращения

Cause of damage/Причина пошкодження/Причина повреждения

Date of completion/Дата виконання/Дата выполнения

Coupon/Талон № 2

Seller stamp/

Штамп продавця/

Штамп продавца

Date of the application/Дата звернення/Дата обращения

Cause of damage/Причина пошкодження/Причина повреждения

Date of completion/Дата виконання/Дата выполнения

Coupon/Талон № 1

Seller stamp/

Штамп продавця/


Штамп продавца

Date of the application/Дата звернення/Дата обращения

Cause of damage/Причина пошкодження/Причина повреждения

Date of completion/Дата виконання/Дата выполнения

Documents / Resources

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