
24" Display Monitor



INSTRUCTION MANUAL

Please read all the instructions carefully before using this Monitor, and keep the manual for future reference.

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IMPORTANT SAFETY INSTRUCTIONS

- **Read these instructions** – All the safety and operating instructions should be read before this product is operated.
 - **Keep these instructions** – The safety and operating instructions should be retained for future reference.
 - **Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
 - **Follow all instructions** – All operating and use instructions should be followed.
 - **Do not use this apparatus near water** – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
 - Clean only with dry cloth.
 - **Do not** block any ventilation openings. Install in accordance with the manufacturer's instructions.
 - **Do not** install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 - **Do not** defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 - Only use attachments/accessories specified by the manufacturer.
 - Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 - Please keep the unit in a well-ventilated environment.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus should not be exposed to dripping or splashing. Objects filled with liquids, such as vases should not be placed on apparatus.

WARNING: The main plug is used as disconnect device, the disconnect device shall remain readily operable.

WARNING: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.



This 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.



The 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 appliance.



This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.



- Unplug this apparatus during lightning storms or when unused for long periods of time.

ADDITIONAL SAFETY INFORMATION

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.

Electrical Safety

- The Monitor set should only be connected to a main power supply with voltage that matches the label at the rear of the product.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on them, which may damage the leads.
- Hold the main plug, not the wires, when removing from a socket.
- During a thunderstorm, or when not using the monitor for extended period of time, turn off the power switch on the back of the monitor.
- Do not allow water or moisture to enter the Monitor or power adapter. Do NOT use in wet, moist areas, such as bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if the main plug or cable is damaged, liquid is spilt onto the set, if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the set does not work normally.
- Do not remove the safety covers. There are no user serviceable parts inside. Trying to service the unit yourself is dangerous and may invalidate the product's warranty. Qualified personnel must only service this apparatus.

Physical Safety

- Do not block ventilation slots in the back cover. You may place the Monitor in a cabinet, but ensure at least 5cm (2") clearance all around.
- Do not tap or shake the Monitor screen, or you may damage the internal circuits.
- To clean the Monitor use a soft dry cloth. Do not use solvents or petroleum based fluids.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs.
- Unplug the apparatus during lightning storms or when unused for long periods.
- Refer all servicing to a qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the apparatus, has been exposed to rain or moisture, does not operate normally, or has been dropped.

PREPARATIONS

What is Included?



User Manual



Quick Start Guide



Adapter



VGA Cable

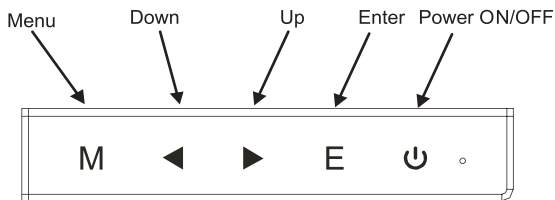
PREPARATIONS

Power indicator light



- Blue light indicates the power is on.
- Blue light indicates the signal is operating normally.
- Blue flash indicates there is no input signal.

Screen image setups



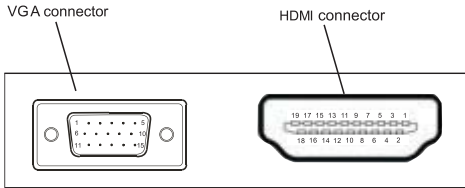
- The Control panel at the bottom right corner have five keys to adjust the monitor settings with the aid of the Onscreen Display

The control panel buttons:

- Menu : Pops up the menu/Backs to the previous menu (in case of main menu, exits from the whole menu).
- Down: When the menu is activated, used as the left function selection key, and decreases progressively the value of the progress bar; when the menu is inactivated, used as the specified shortcut mode hot key (for sighting device).
- Up: When the menu is activated, used as the right function selection key, and increases progressively the value of the progress bar; when the menu is inactivated, used as the specified shortcut mode hot key (FPS/RTS mode).
- Enter: If the menu is activated, chooses the corresponding function.
- Power ON/OFF: Powers on/off the monitor.

PREPARATIONS

Basic setup

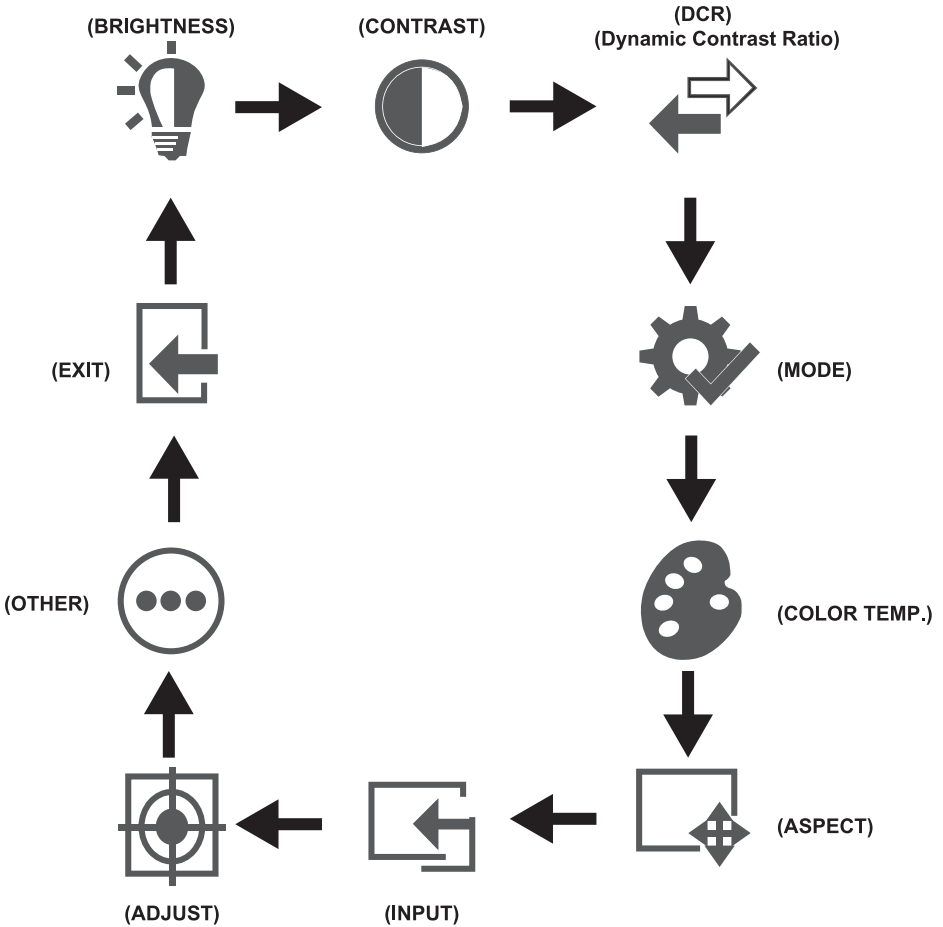


- a) Connect the VGA cable (signal cord) from the PC graphic card to the monitor VGA connector.
- b) The monitor has a wide power voltage range; it can be used on AC 100-240 50/60Hz power supply.
- c) Connect the power cable to the Monitor power socket and to the power source in the room.
- d) Turn on the power source supply.
- e) To switch on the monitor, press the power control on/off key (first button from the bottom at the rear panel).

CUSTOMIZING Monitor SETTINGS

Navigating the On-screen Display

- Press the **MENU** button to display the main menu/Backs to the previous menu (in case of main menu,exits from the whole menu).
- Press the **◀/▶** buttons to navigate and select the available menus.




CUSTOMIZING Monitor SETTINGS

BRIGHTNESS/CONTRAST/ DCR (Dynamic Contrast Ratio)


- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **BRIGHTNESS** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.



Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Brightness		NONE	NONE	NONE	NONE	Adjust display brightness






- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **CONTRAST** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.



Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Contrast		NONE	NONE	NONE	NONE	Adjust display contrast

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **DCR (Dynamic Contrast Ratio)** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.



Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
DCR		On		NONE	NONE	Activate dynamic contrast
		Off		NONE	NONE	Turn off dynamic contrast
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu

CUSTOMIZING Monitor SETTINGS

MODE

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **MODE** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.



Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Mode		Standard		NONE	NONE	Normal work mode
		Movie		NONE	NONE	Movie mode
		FPS		NONE	NONE	FPS game mode
		RTS		NONE	NONE	RTS game mode
		EyeSaver		NONE	NONE	Eyes Protection ray filter application model
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu

CUSTOMIZING Monitor SETTINGS

COLOR TEMP.

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **COLOR TEMP.** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.



Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Color Temp.		Cool		NONE	NONE	Set as cold color temperature
		Warm		NONE	NONE	Set as warm color temperature
		User		Red		Fine tuning of red color temperature
				Green		Fine tuning of green color temperature
				Blue		Fine tuning of blue color temperature
		Return		NONE	NONE	Return to the previous menu
Exit		NONE	NONE	Exit from the whole menu		

CUSTOMIZING Monitor SETTINGS

ASPECT

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **ASPECT** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.

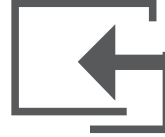


Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Aspect		Auto	AUTO	NONE	NONE	Automatically adjust picture aspect ratio
		16:9		NONE	NONE	Picture in 16:9 mode
		4:3		NONE	NONE	Picture in 4:3 mode
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu

CUSTOMIZING Monitor SETTINGS

INPUT

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **INPUT** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.











Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Input		VGA		NONE	NONE	VGA (analog) signal input
		HDMI		NONE	NONE	HDMI (digital) signal input
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu

CUSTOMIZING Monitor SETTINGS

ADJUST

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **ADJUST** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.



Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Adjust		Auto adjust		NONE	NONE	Automatically adjust the horizontal/vertical location, focusing and clock of pictures
		Auto color		NONE	NONE	Adjust the white balance of pictures
		Gamma		Gamma1		Adjust color tone brightness grey 1
				Gamma2		Adjust color tone brightness grey 2
				Return		Return to the previous menu
				Exit		Exit from the whole menu

CUSTOMIZING Monitor SETTINGS

OTHER

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **OTHER** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.




Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Other		Language		English		English
				Française		Française
				Deutsch		Deutsch
				Italiano		Italiano
				Español		Español
				한국어		한국어
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Power Off		On		Automatically turn off after saving power for 1 minute
				Off		Deactivate the function of automatic power off
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Reset		YES		Reset to factory setup
				NO		Exit from this function
				Return		Return to the previous menu
				Exit		Exit from the whole menu
		Return		NONE	NONE	Return to the previous menu
		Exit		NONE	NONE	Exit from the whole menu

CUSTOMIZING Monitor SETTINGS

EXIT

- Press the **MENU** button to display the main menu then press the ◀/▶ buttons to select **EXIT** menu and then press the **E** button to enter.
- press the ◀/▶ buttons to adjust each option's setting and then press the **E** button to save.



Main Menu Item	Main Menu Icon	Submenu Item	Main Menu Icon	Submenu Options	Main Menu Icon	Description
Exit		NONE	NONE	NONE	NONE	Exit from the whole menu

COMPATIBLE RESOLUTIONS

Resolution	H-Frequency (KHz)	V-Frequency (Hz)
720×400	31.47	70.0
640×480	31.47	60.0
640×480	37.86	72.8
640×480	37.50	75.0
800×600	37.87	60.0
800×600	48.07	72.0
800×600	46.87	75.0
1024×768	48.36	60.0
1024×768	56.48	70.0
1024×768	60.02	75.0
1280×1024	63.98	60.0
1280×1024	79.97	75.0
1440×900	55.47	60.0
1440×900	55.94	60.0
1680×1050	64.67	60.0
1680×1050	65.29	60.0
1920×1080	67.50	60.0

Resolution	PixelClock (Unit:MHz)	Hsync (Unit:KHz)	Vsync (Unit:Hz)
720X480I	13.5	15.73	59
720X480P	27.027	31.5	60
720X576I	13.5	15.62	50
720X576P	27	31.25	50
1280x720P	74.25	45	60
1280x720P	74.25	37.5	50
1920x1080I	74.25	28.125	50
1920x1080I	74.25	33.75	60
1920x1080P	148.5	67.5	60
1920x1080P	148.5	56.25	50

Features

- a) 16.7M high quality image colors
- b) Smart image screen setting – OSD with simple layout and easy selection
- c) Smart control interfaces for easy settings
- d) Auto function; when no settings are set, it will auto-adjust to optimum settings



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: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

- "NOTE: 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 instructions, 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 following measures:

- 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/Monitor technician for help."

Please send all correspondence to:
 Element TV Company, LP. Customer Service
 15930 Valley Blvd., City of Industry, CA 91744
 customerservice@elementelectronics.com

SPECIFICATIONS

Dimension	23.8" diagonal
Brightness	200cd/m ²
Color	16.7M
Resolutions	1920x1080pixels
H-frequency	30~80KHz
V-frequency	55~75Hz
Power Input	12V==2.5A
Environment	Operation Temp: 0° - 40°C Humidity:Less than 80% Storage Temp: -20° - 60°C

Design and specifications are subject to change without prior notice.



This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health. Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly.