

kogan

KALED30MONA

USER MANUAL



**Please read these instructions carefully before operating the monitor.
A copy of the manual should be kept for future reference.**

Notes:

1. Do not perform any modifications to the monitor as this may damage it and cause your warranty to become instantly void.
2. Any modifications carried out by the customer that cause damage to the monitor, computer equipment or injury or destruction due to malfunction are not the responsibility of Kogan. The customer is entirely responsible for any modifications or changes to the monitor or power cables.

Warning:

To prevent fire or explosion, please don't put the display in the rain or a wet environment. There is dangerous high pressure within the display, so don't open the shell. Please contact the Kogan customer support team if you need assistance with the monitor.

Prevention measures

- Don't put the display close to water, such as in a bathroom, dishwasher, kitchen, washing machine, swimming pool or a humid basement.
- Don't put the display on an instable car, chair or table. If the monitor falls down, it may damage the user and equipment. If you mount the monitor on a wall or shelf, the fixed installation is entirely the responsibility of the customer and Kogan are not responsible if the monitor comes loose and falls.
- There are many long and narrow holes in the upper and bottom of the shell for ventilation. To ensure continuous operation with no overheating, these cooling holes must not be blocked or covered. The monitor should not be placed on soft surfaces such as a bed, sofa or carpet. It also should not be near a radiator or other heat source. Without good ventilation, the monitor should not be put in a bookcase or cabinet.
- If the display is not to be used for a long time, please disconnect the power. This can prevent damage caused by an abnormal power surge.
- Do not let the power socket to get overloaded, or it may cause the fire or electric shock.
- Don't put a foreign body into the machine, as this can cause a short circuit and lead to fire or shock.
- Do not open the casing, or it may suffer from high pressure or other dangers. If the monitor fails, please contact the Kogan customer support team.
- For safety, please ensure the power supply voltage 100 ~ 240 V AC, current 5A at least.
- Please insert the plug into an easily accessible power socket, so that it can easily be reached and disconnected from the power supply in the event of fire, electric shock or thunderstorm.

Special Notes of LCD monitor

LCD monitors may display the the following issues, which are not faults.

Note

- The picture may blink and flash upon first use while it is going through initial setup. If the issue continues, please turn off the display, wait 30 seconds and then turn the monitor on again.
- When you use different desktop patterns, the screen brightness may be slightly uneven.
- LCD screen pixel technology has reached 99.99% quality levels, but in the displaying process, it may also display a 0.01% or less of pixel loss or brightness loss.
- Due to the characteristics of LCD screens, pixel residue will never appear in normal use. However, when the same static image stays displayed for a long time before switching, the previous picture may continue to be retained. This is called 'screen burn'. To avoid screen burn, the best way is to use a monochrome display or alternately a dynamic moving screen saver when you don't need the PC or the system. Additionally, you should power off the electricity for two hours after every 12 hours' working.
- When the screen turns black, flickers or doesn't power up at all, please contact the Kogan customer support team. Please do not attempt to repair the monitor by yourself.

Instructions before using

Features

- * (75.62cm)30" TFT color LCD monitor
- * 16:10 wide screen
- * bright and beautiful pictures
- * suggesting resolution: 2560×1600
- * used for drawing design, medical and financial area

Packing list

The box contains the following items:

1. LCD monitor/base
2. Product specification
3. Signal lines (including DVI, VGA line)
4. Power cord
5. USB cable
6. Mini DP to DisplayPort cable

Control and Connection

Visual connections

Signal line connection: Choose either the the 15 stitch plug or the DVI line of the 24 needle plug to connect the output port of the computer to the input port of the monitor. Finally use the screw to fix it.

Power

1. First confirm that the power cord conforms to the area standards.
2. The LCD monitor has a broad power supply voltage scope when working, and it could be used in the area of 100/120 V or 220/240 V AC.
3. One side of the power cord should be connected with the LCD power port, and the other side connected to the wall power outlet or the power socket of the computer.



Image one: connections

1	2	3	4	5
Power Port	VGA Port	DVI Port	USB Port	USB Port

Angle adjusting

- The ideal angle we recommend is to face to the LCD monitor, and then according to your requirements, adjust the angle of the LCD display.
- When you adjust the angle of the display, hold on to the base while adjusting to prevent the display shaking.
- You can adjust the angle of the display from -5° to 30° .



-5°

10°

30°

Image two

Notice:

- Do not touch the LCD screen when you adjust the angle of the display, or it may damage or break the LCD screen.
- Pay attention to your adjusting motion when you adjust the angle according to the above picture.

Operation Instructions

General Descriptions








You can turn on or off the display with pressing the power switch. Other function buttons are located on the front panel as shown below. By using these function keys you can get the pictures you need.

- Connect the power cord.
- Connect the signal line to the PC graphics CARDS
- Turn on the monitor and make the switch in the opening position, then the power light goes on.









Image three: external control button

External control

1	“  ”	Source Key/Automatic Adjust/Exit
2	“  ”	Menu /Option Key
3	“  ”	Vol-” Volume Control Key
4	“  ”	Vol+” Volume Control Key
5.	“  ”	Hot Key
6	“  ”	Hot Key
7.	“  ”	Power Switch

Panel Control

- “” **MENU key(menu/choice)**
Activate the OSD menu or function adjustment confirmation. \
- “” **Source Signal Key/Automatic Adjustment/Exit:**
 1. Switch the signal shortcut key
 2. When the OSD menu is active, this button could be regarded as the exit button (quit OSD menu)
 3. When the OSD menu is in the closed position, press this button for more than 3 seconds and it will enter into the automatic adjustment function. The automatic adjustment function will be set the level position, the vertical position, clock and focus.
- “ Vol-” **Volume Control Button**
Press this button to decrease volume.
- “ Vol+” **Volume Control Button**
Press this button to increase volume.
- “” **Key/Hot Key:**
 - Press this button to directly enter into the selected hotkey types corresponding to the hot key function.
 - When the OSD directory is in the active situation, it could be regarded as the functional regulating key.
- “” **Key/Dynamic Contrast Ratio(DCR) Adjustment Key:**
 - Press this button to directly enter into the selected hotkey types corresponding to the hotkey function;
 - When the OSD directory is in the active situation, it could be regarded as the functional regulating key.
- **Powerlight:**
Green: booting situation
Flicker: deplaning




Note:




- Don't put the monitor in places near to the heat source, such as a space heater, oven or fireplace. Also do not put it in the places surrounding by dust or mechanical vibration.
- Keep the original packaging materials. If you need your monitor transported, it will be far more convenient.
- In the event of the monitor being needed to be returned back to Kogan for servicing under warranty, we recommend you ship the monitor back to us in the original packaging.
- In order to maintain the cleanness of LCD screen, we need to regularly use a clean soft cloth to wipe away dust. Any liquid may damage the display screen.
- To keep the displays look good, we need to clean it regularly with soft cloth, as to the overcoming mark, we use the downy cleaner. Don't use strong cleaner, such as diluent, benzene or corrosive cleaner, because these things will damage the shell. For safety, pull out the power plug before cleaning.

How to Use the OSD Adjustment

1. Use the "MENU" button to activate the OSD window.
2. Use the "▲" or "▼" buttons to browse the main menu. If you want to make adjustments as the functions appear and the main MENU icon background color is deep blue, press "MENU" button to activate. If the selected function contains the submenu, and then click the "▲" or "▼" button to browse the submenu functions. If you want to adjust the function to be red, press the MENU key.
3. Press "▲" or "▼" to adjust the selected function settings.
4. To exit and save, please click "SOURCE" button. If you want to adjust the any other function, please repeat step 2 and step 3 to choose and adjust.
5. The main menu icon is selected background color deep blue, otherwise the pale blue. The submenu item was chosen red, or deep blue.

Picture Adjusting Function Control Specification

MENU Project	MENU Icon	Submenu Project	Submenu Project	Specification
Luminance Contrast		Luminance	no	Adjust display brightness
		Contrast ratio	no	Adjust display contrast ratio
		Profile	standard	Normal usage pattern
			text	Text applied pattern
			game	Game applied pattern
		Dynamic Contrast Ratio	Start using	Open contrast ratio
			Use forbidden	Close contrast ratio
Image Settings		Clock	no	Adjust the picture clock in order to reduce the vertical noise
		Focusing	no	Adjust the picture phase in order to reduce the horizontal noise
		Horizontal Position	no	Adjust horizontal position of the picture
		Upright Position	no	Adjust vertical position of the picture
		Zoom (fit for wide monitor)	automatic	Automatic detection and image display ratio adjusting
			Wide screen	Adjust the image ratio to widescreen mode
4: 3	Adjust the image ratio to 4:3 mode			
Color Temperature		Warm Color Temperature	no	Set it as warm color temperature
		Cold Color Temperature	no	Set it as cold color temperature
		User Settings	red	Slightly adjust red color temperature

			green	Slightly adjust green color temperature
			blue	Slightly adjust blue color temperature
MENU Project	MENU Icon	Submenu Project	Submenu Project	Specification
OSD Setting		Horizontal Position	no	Adjust OSD horizontal position
		Upright Position	no	Adjust OSD vertical position
		Time Setting	no	Adjust OSD display time
		Clarity	no	Adjust OSD clarity
		Language	no	Choose the OSD menu display language (English, French, German, Japanese, Korean, traditional Chinese, simplified Chinese, Russian).
Resetting		Images Automatic Adjustment	no	Automatically adjust the image of the horizontal or vertical position, focus and clock.
		Color Automatic Adjustment	no	Adjust the color balance
		Resetting	no	Back to Factory Settings.
other		Hot Key Choice	ECO+DCR	The selected project is hot key. The first two are provided to all models. ASP + ECO to widescreen display only. SOU + VOL to widescreen display and at the same time with audio and DVI signal.
			BRI+CON	
			ASP+ECO	
			SOU+VOL	
		Input Choice	VGA	VGA (analog) signal input
			DVI	DVI (digital) signal input
			HDMI	HDMI (digital) signal input
DP	DP (digital) signal input			

		Volume Input Choice	Analog	Voice signal source from external analog input.
			Digital	Voice signal source from DP/HDMI signal
			Automatic	Automatic selection according to the signal source.
		Volume	no	Speaker volume adjustment. (with audio model only)

Technical Support (FAQ)

Problems	Possible solutions
Power light is off	<ul style="list-style-type: none">* check the power switch is on* check the connection of the power cord
Image is dim	<ul style="list-style-type: none">* adjust brightness and contrast ratio
Image beating, pulsing or corrugated picture appearing	<ul style="list-style-type: none">* electrical equipment which causes electronic jamming nearby
The power light is fine, but no images showing on the display	<ul style="list-style-type: none">* whether the power supply is OK* check whether the computer vision cable has been inserted* signal lines of the displays have already connected with the computer properly* check the cable plugs to make sure the pins are not bent* observe the LCD indicator by pressing the Caps Lock key on the keyboard, confirm that the computer is working
Lack of colors (red, green, and blue)	<ul style="list-style-type: none">* check the cable plugs to make sure the pins are not bent
Picture is not in the middle or size not suitable	<ul style="list-style-type: none">* adjust the clock and focus or realign using the hot keys
The images have color issues (whites are not displaying white)	<ul style="list-style-type: none">* adjustment RGB color or reselect color temperature again
Weak brightness and contrast ratio	<ul style="list-style-type: none">* Adjust brightness and contrast settings. If problem persists, please contact the Kogan customer support team.
a horizontal or vertical interference of picture	<ul style="list-style-type: none">* close Win95/98/2000 / ME/XP , adjust CLOCK and FOCUS or executive hot keys (AUTO key)

The clock controls the quantity of the scanning pixels per line. If the frequency is not correct, vertical stripes will appear on the screen, and there will be incorrect screen width.

FOCUS adjusts the phase of the point signal, a wrong phase adjustment will lead to horizontal interference on the picture.

The CLOCK and FOCUS adjustment could use the "dot-pattern" or Win95/98/2000 / ME/XP shutdown pattern design.

Wrong Information and Possible Solutions

No signal lines connected:

1. Check the cable plugs to assure the connection is secure. If the connector becomes loose, please tight the screws.
2. Check whether the pins which connect signal lines are damaged.

Input is not supported:

Your computer is set in the wrong display mode, please reset your computer display settings to display a supported mode.

Attachment

Datasheet

LCD Panel	Display device	TFT color LCD monitor
	Size	75.62cm(30inch)
	Dot Pitch	0.2505mm(horizontal) ×0.2505mm(vertical)
Input	Video	Red, blue, green analogue interface
	Separation Synchronous	Line/Field TTL
	Line Frequency	31kHz –96kHz
	Field Frequency	60Hz
Dot Frequency		268.5MHz
Maximum Resolution		2560×1600@60Hz
Plug and Play		VESA DDC2BTM
Power Consumption	Operating	≤110W
	Standby	≤3W
Input Port		VGA-15pin port (simulation 0.7Vpp polarity signal/75Ω)
		Dual-link DVI-D (24+1pin port)
		DP-1.2 port
		HDMI-1.4 port
Maximum Image Size		HORIZONTAL: 64cm VERTICAL: 41cm
Power Source		AC 100~240V, 47~63Hz
Ambient Temperature Humidity		Using temperature: 0℃ to 50℃ Storage temperature: -20℃ to 60℃ Operation relative humidity : 10% to 85%
Size		697×476×512(L×W×H)mm
Weight		Gross Weight: 12.2KG
		Net Weight: 8.7KG

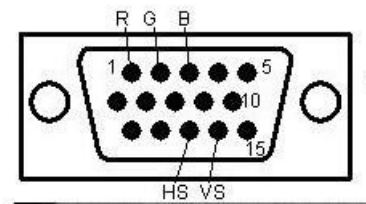
External control	Switch	<ul style="list-style-type: none"> • Automatic Adjustment Button • “▼”button/ Luminance Setting Profile (Eco Mode) • Power Supply Button • “▲”button/ Dynamic Contrast Ratio (DCR) Adjustment key • Menu/Enter Key
	Function	<ul style="list-style-type: none"> • Contrast Ratio • Luminance • Phase • Timing Sequence • Horizontal Position • Vertical Position • OSD setting • Language Alternative • Automatic adjustment • Input Signal Information • (Warm) Color Temperature • (Cool) Color Temperature • sRGB Color Temperature • Conventional color temperature • User Setting • Resetting • Exit
Power Consumption (maximum)		120 Watts
Safety Standards		SAA, C-Tick, CCC, CE

Factory Presets Mode Table

Preset 15 kinds of form on monitor, and the list is fixed

Standard	Resolution	H FREQ (KHz)	field frequency (Hz)
• DOS mode	• 720×400	• 31.469	• 70
• VGA	• 640×480	• 31.469	• 60
• SVGA	• 800×600	• 37.879	• 60
• XGA	• 1024×768	• 48.363	• 60
	• 1024×768	• 56.476	• 70
• SXGA	• 1280×1024	• 63.981	• 60
• WXGA+	• 1440×900	• 55.674	• 60
• UXGA	• 1680×1050	• 59.80	• 60
• WUXGA	• 1920×1080	• 67.50	• 60
• WQHD	• 2560×1440	• 88.70	• 60
• WQXGA	• 2560×1600	• 96.00	• 60

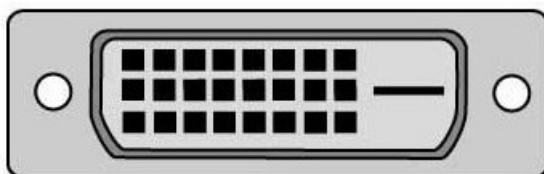
Pin Distribution



15 pin color monitor cable

15-pin D-sub root distribution				
1	Red	6	Red(grounding)	11
2	Green	7	Blue (grounding)	12
3	Blue	8	Blue (grounding)	13
4	NC	9	Power Source	14
5	Port of Play Port	10	Grounding	15

Double-link DVI-D



Double Link DVI-D

24+0 pin DVD-D root distribution				
1	Data Signal	9	Data Signal	17
2	Data Signal	10	Data Signal	18
3	Grounding	11	Grounding	19
4	Data Signal	12	Data Signal	20
5	Data Signal	13	Data Signal	21
6	DDC- SCLK	14	NC	22
7	DDC- SDA	15	Grounding	23
8	NC	16	Plug and Play Port	24