



HYUNDAI 21" MONITOR

**21FOM Series**

USER MANUAL

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# WARRANTY NOTICE

## Limited Warranty does NOT cover:

Any costs associated with the repair or replacement of the Product including labor, installation or other costs incurred by you, and in particular, any costs relating to the removal or replacement of any Product that is soldered or otherwise permanently affixed to any printed circuit board; OR

Damage to the Product due to external causes, including accident, problems with electrical power, abnormal electrical, mechanical or environmental conditions, usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing; OR

Any Product which has been modified or operated outside of specifications or where the original identification markings (trademark or serial number) has been removed, altered or obliterated from the Product, or where the label or screw on the exterior of the Product is removed or broken.

## Important Safety Instructions

- Read these instructions thoroughly and keep this user manual for future use.
- Do not use the product near water. Never spill liquid of any kind of the products. Clean LCD monitor when power off. Never clean it with liquid cleanser or liquefier. Better use clean wet cloth carefully.
- Do not place the product on an unstable cart, stand or table. Doing so may cause the product to fall, which can seriously damage it.
- To ensure reliable operation, never block these ventilation slots by placing the product on a bed, rug or similar surface; this product should never be placed near or over a radiator or heat register; or installed in any enclosure that prevents proper ventilation.
- Do not place any object on the adapter. Do not place this product where persons could walk on the adapter.
- Never push objects of any kind through the ventilation slots at the back of the product. To do so could risk fire or electronic shock.
- Do not attempt to service this product by yourself. Opening or removing covers may expose you to dangerous voltage that could cause fire or electronic shock. Refer all servicing needs to authorized service personnel.
- Unplug this product from the wall outlet and contact authorized service personnel under the following conditions:
  - a. When the adapter or plug is damaged or frayed.
  - b. If a liquid has been spilled into or on the product.
  - c. If the product has been rained or spilled by water.
  - d. If the product has been dropped or the cabinet has been damaged.
  - e. If the product does not operate normally when operating instructions are followed, and product shows to be maintained.

**Special Notice:** Only under normal condition can the quality of LCD products be assured during operation. Normal condition as following:  
 Temperature: 20±15;  
 Moisture: 65±20;

Display image: continuously changing image. (Not freezing image).

For the LCD products, the phenomenon of image stagnation may appear when display the freezing image for a certain long time. All the display products including LCD may have this kind of image stagnation, and this is not a kind of defect.

In order to avoid the phenomenon of image stagnation, we suggest that the screen protection program be set when your PC or system is spare.

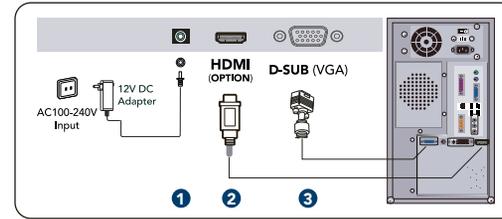
## Connection

1. Turn Off computer and Unplug Adapter.
2. To connect signal cable with 15pin into VGA or HDMI out hole on the back of monitor, and to be sure to tighten switches on both ends of signal cable.
3. To plug PC and monitor adapter to the nearest socket.
4. Turn on PC and monitor, image possibility shows successful installation. If not, please double check all the connections.

**Notes:** 1. To connect signal cable and plug adapter to be assure monitor safety on process of installation.

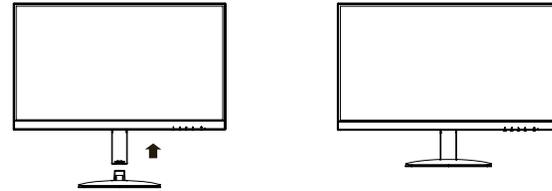
2. To avoid monitor damaged, please handle the centre part of front cover while it installation.

## Monitor Input Connections

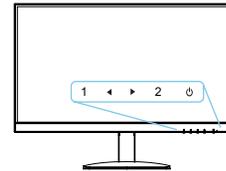


1. **DC**  
Power Input
2. **HDMI**  
Signal Input
3. **VGA**  
Signal Input

## Stand Assembly Instruction



## Front Panel Controls



**1** Press it to open the OSD MENU, to select MENU options when the OSD MENU is displayed.

Hot key to adjust contrast.  
 ◀ Down selection button.

▶ Hot key to adjust brightness.  
 Up selection button.

**2** Hot key to automatically optimize positions, phase and clock when OSD is not shown.  
 To exit OSD MENU when OSD is shown.

⏻ Power On or OFF; LED-On Normal; LED flicker: Power Saving; LED-Off: Power Off.

**Power Switch.**

Press this button to turn on or off the monitor. Note: It will not cut off power supply. But to unplug pin from the socket.

**Power Indicator.**

LED Power Indicator  
 LED-On: Normal;  
 LED flicker: Power Saving;  
 LED-Off: Power Off.

**Operate Explanation.**

Your LCD has been adjusted to its optimal status before shipment. You can also adjust the image in accordance with the following illustrations and steps.

- Press the "1" button to start the OSD feature.
- Click the "▶" or "◀" to select the function to be adjusted.
- Click the "1" button to access into the function to be adjusted.
- Click "▶" or "◀" button to change the current setting of the function.
- To exit OSD MENU or go back to the previous action by "2".
- To repeat above steps for changing the setting of the other function.

**OSD Control.**

- CONTRAST: Press "◀" adjust the Contrast.
- BRIGHTNESS: Press "▶" adjust the Brightness.
- AUTO: Phase and clock when OSD is not shown.

**MENU.**

Source Resolution and Frequency

Primary Directory	Secondary Directory	Description
Color	Contrast	Adjust the contrast of the image.
	Brightness	Adjust the brightness of the screen.
	Color Temperature	Set up the color Temp. to be 9300K 8500K 5500K USER red, green, blue to adjust red / green / blue.
	Auto Adjust	Set up to adjust clock, phase and position automatically.
	Auto Color	Adjust the color of the screen.
Picture	H. Position	Move the image left and right on the screen.
	V. Position	Move the image up and down on the screen.
	Clock	Adjust the clock pulse of the image.
	Phase	Adjust the focus of image.
OSD Menu	Languaje	 <p>Select the language you want.</p>
	OSD H. Pos.	Move the OSD left and right on the screen.
	OSD V. Pos.	Move the OSD up and down on the screen.
	OSD Timer	Adjust OSD display time setting.
	Transparency	Adjust OSD Transparency.
	MODE	Select PC / GAME / MOVIE display mode.
Others	Aspect Ratio	Select the display mode: 16:9 / AUTO / 4:3
	DCR MODE	Select the DCR Mode On or Off (optional).
Reset	NONE	Restore to factory settings.

## Specification

Max Resolution	1920x1080/WXGA
Display Color	16.7M
Pixel Pitch	0.241mm x 0.241mm
Brightness	250 cd/m <sup>2</sup> (Typical)
Contrast Ratio	3000:1 (Typical)
Response Time	6.5ms (Typical)
Viewing Angle	178° (H) / 178° (V) (Typical)
Display Area	478.656mm (H) x 260.28mm (V)
Signal Mode	VGA and HDMI
Sync. Frequency	Horizontal 30kHz-80kHz / Vertical 56Hz-75Hz
Power Supply	DC12V  2.5A
Speaker	N/A
Power Consumption	25W
Dimension	492 (L) x 167 (W) x 372mm (H)
Net Weight	2.3Kg

## Display Mode

Display Mode	Hor. Sync (kHz)	Vert. Sync (Hz)	Pixel Clock (MHz)	Sync. Polarity (H/V)
VGA 640x480	31.469	59.940	25.175	-/-
	37.861	72.809	31.500	-/-
	37.500	75.000	31.500	-/-
SVGA 800x600	35.156	56.250	36.000	+/+
	37.879	60.317	40.000	+/+
	48.077	72.188	50.000	+/+
	46.875	75.000	49.500	+/+
XGA 1024x768	48.363	60.004	65.000	-/-
	56.476	70.069	75.000	-/-
	60.023	75.029	78.750	+/+
SXGA 1280x1024	63.981	60.020	108.000	+/+
	79.976	75.025	135.000	+/+
WXGA 1440x900	55.9	59.8	106.00	-/+
WSXGA 1680x1050	65.29	59.954	146.25	-/+
WSXGA 1920x1080	67.2	60.1	172	-/+

## **HYUNDAI**

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### **Advertencia Nota** para uso en **México**

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

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