

PLANAR

PVE24F LCD Monitor User's Guide

www.planar.com

Content

Operation Instructions	1
Unpacking Instructions	3
Safety Precautions	3
Consignes de securite	4
Package Overview.....	5
First Setup	6
Front View of the Product	7
Rear View of the Product	8
Quick Installation	9
Basic Operation	10
OSD Lock Out Function	11
Advanced Operation-OSD Menu	12
Supporting Timing Modes	14
Technical Information	15
Wall-mount Instruction	16
Care and Maintenance.....	17
Troubleshooting	17
Planar Support	18

Operation Instructions

Thank you for purchasing the PVE24F LCD monitor. Please read this guide thoroughly before installation.

FCC RADIO FREQUENCY INTERFERENCE STATEMENT WARNING: (FOR FCC CERTIFIED MODELS)

This LCD monitor has been tested and found compliant with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide proper protection against harmful interference to a residential installation. This LCD monitor generates, uses, and can radiate radio frequency energy. Harmful interference to radio communication may be led as a result if it's not properly installed and used. However, there is no guarantee that interference will not occur in a particular installation. If this LCD monitor does cause serious interference to radio or television reception, resetting the LCD monitor may determine it. Moreover, users are encouraged to correct interference by doing one or more of the following:

- Reorient or relocate the receiving antenna.
- Move the LCD monitor and the receiver further away from each other.
- Connect the LCD monitor into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local dealer or an qualified technician.

FCC Warning:

To assure a continued FCC compliance, a user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications to this LCD monitor would void the user's authority to operate this device.

Note: If necessary, shielded interface cables and AC power cord must be used to meet the emission level limits.



Important Waste Disposal Information

Please recycle or dispose of all electronic waste in accordance with local, state, and federal laws. Additional resources can be found online at <http://www.planar.com/about/green/>.

The crossed-out wheeled bin symbol is to notify consumers in areas subject to Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU that the product was placed on the market after August 13, 2005 and must not be disposed of with other waste. Separate collection and recycling of electronic waste at the time of disposal ensures that it is recycled in a manner that minimizes impacts to human health and the environment. For more information about the proper disposal of electronic waste, please contact your local authority, your household waste disposal service, or the seller from whom you purchased the product.

COMMUNIQUE D'AVERTISSEMENT DE LA FCC CONCERNANT LES INTERFERENCE FREQUENCE RADIO: (SEULEMENT POUR MODELES CERTIFIE PAR LA FCC)DE

Ce moniteur a été testé et a été trouvé conforme aux limites pour un appareil numérique de Classe B, suivant la partie 15 des règlements de la FCC. Ces limites ont été développées pour offrir une protection satisfaisante contre les interférences nuisibles dans une installation résidentielle. Ce moniteur génère, utilise et peut radier de l'énergie de fréquence radio. Ceci peut causer des interférences nuisibles à des communications radio si l'appareil n'est pas convenablement installé et utilisé. Il n'y a néanmoins aucune garantie que des interférences n'apparaîtront pas dans une installation particulière. Si ce moniteur cause de sérieuses interférences à la réception de signaux radios ou télévisés, une possibilité est de réinitialiser le moniteur. Les usagers sont aussi encouragés à corriger les interférences en appliquant une ou plusieurs des démarches suivantes:

Réorientez ou déplacez l'antenne de réception.

Placez le moniteur et le récepteur plus loin l'un de l'autre.

Connectez le moniteur à une prise d'énergie de celle à laquelle le récepteur est connecté.

Consultez votre revendeur local ou un technicien qualifié.

Avertissement de la FCC:

Pour assurer une conformité continue aux règlements de la FCC, l'utilisateur doit utiliser un cordon d'alimentation mis à terre et le câble d'interface vidéo protégé avec noyaux en ferrite, fournis avec l'appareil. Chaque modification ou changement non-autorisé appliqué à ce moniteur peut faire perdre à l'utilisateur son droit d'opération de cet appareil.

Note: Si nécessaire, des câbles d'interface protégés et un cordon d'alimentation alternatif doivent être utilisés pour être conformes aux limites d'émission.

Consigne de tri (pour la France uniquement)



Unpacking Instructions

Move the LCD monitor out of the package and take off the plastic bag and Polystyrene foam.

Remove base from plastic bag and attach to base.

Safety Precautions

Follow all warnings, precautions and maintenance as recommended in this user's manual to maximize the life of your unit.

Do:

Turn off the product before cleaning.

Surface may be cleaned by using a soft clean cloth moistened with mild window glass commercial cleaners or 50/50 mixture of water and isopropyl alcohol.

Use a soft cloth moistened with mild detergent to clean the display housing.

Disconnect the power plug from AC outlet if the product is not going to be used for an extended period of time.

Don't:

Do not touch the LCD display screen surface with sharp or hard objects.

Do not use abrasive cleaners, waxes or solvents for your cleaning.

Do not operate the product under the following conditions:

- Over 16 hours per day.

- Extremely hot, cold or humid environment.

- Areas susceptible to excessive dust and dirt.

- Near any appliance generating a strong magnetic field.

- In direct sunlight.

If smoke, abnormal noise or odor emits from your LCD monitor, remove the power cord immediately and call your service center.

Never remove the rear cover of your LCD monitor. The display unit inside contains high-voltage parts and may cause electric shock.

Never try to repair your LCD monitor yourself. Always call your service center or a qualified technician to fix it.

Due to safety concerns, if the VESA mounting kit is purchased separately, please make sure the mounting kit is UL-listed, and replaceable only by service personnel.

Consignes de sécurité

Respectez tous les avertissements, les précautions et conseils d'entretien recommandés dans ce manuel de l'utilisateur pour maximiser la durée de vie de votre appareil.

A faire :

Éteindre le produit avant de le nettoyer.

La surface de l'écran tactile peut être nettoyée avec un chiffon doux et propre imprégné d'un nettoyant doux du commerce pour vitres ou d'un mélange à 50/50 d'alcool isopropylique et d'eau.

Utilisez un chiffon doux imprégné d'un détergeant doux pour nettoyer le carter de l'alimentation.

Débranchez la che d'alimentation de la prise de courant secteur si le produit ne doit pas être utilisé pendant une période prolongée.

A ne pas faire :

Ne touchez pas la surface de l'écran LCD avec des objets coupants ou durs.

N'utilisez pas des produits de nettoyage abrasifs, de la cire ou des solvants pour le nettoyage.

N'utilisez pas le produit dans les conditions suivantes :

Plus de 16 heures par jour.

Environnement extrêmement chaud, froid ou humide.

Endroits poussiéreux ou sales.

Près d'appareils générant un fort champ magnétique.

Sous la lumière directe du soleil.

Si de la fumée, un bruit anormal ou une odeur s'échappait de votre moniteur LCD , débranchez immédiatement le cordon d'alimentation et appelez votre centre de réparation.

Ne retirez jamais le couvercle arrière de votre moniteur LCD . L'unité d'alimentation contient des éléments où circule un voltage élevé et présentant un risque d'électrocution.

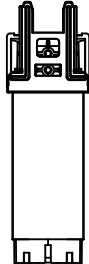
N'essayez jamais de réparer vous-même votre moniteur LCD . Faites toujours appel à votre centre de service ou à un technicien qualifié pour toute réparation.

Pour des raisons de sécurité, si vous achetez séparément le kit de fixation VESA, assurez-vous que celui-ci est certifié UL, et qu'il peut être remplacé uniquement par un technicien qualifié.

Package Overview



LCD Monitor



Stand



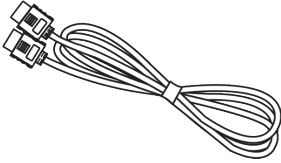
Base



User's Guide



Power Cord

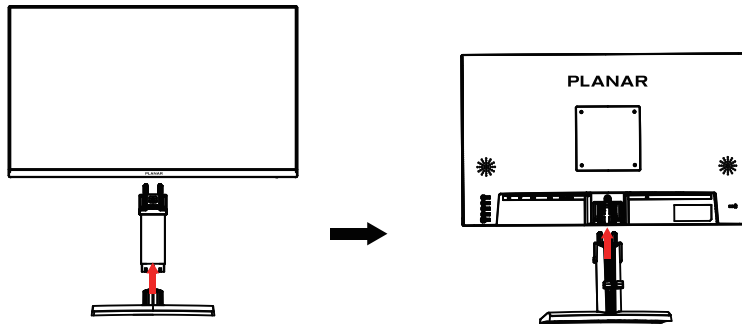


HDMI Cable

First Setup

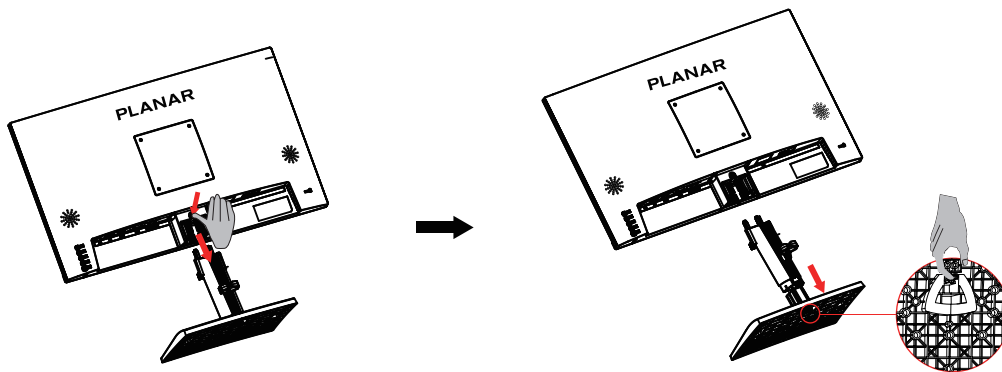
Installing the Stand Base

1. Lay the LCD monitor on a table with the LCD screen face down. To prevent the LCD monitor from being scratched, put a piece of soft cloth on the table on which the screen will be set.
2. Insert the stand pole into the base.
3. Insert the stand into the monitor till you hear a "click".

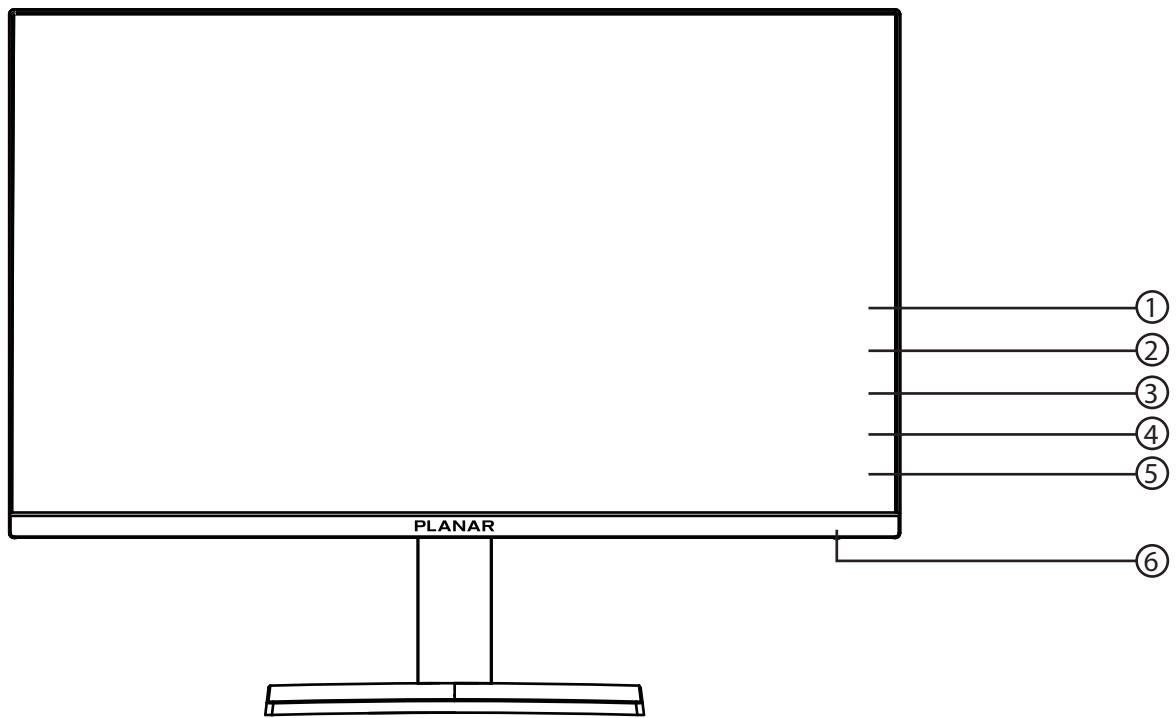


Disconnecting the Stand Base

1. Lay the LCD monitor on a table with the LCD screen face down. To prevent the LCD monitor from being scratched, put a piece of soft cloth on the table on which the screen will be set.
2. Push release button and pull stand away from monitor.
3. Press the tenons inwardly and pull the base from stand to remove.



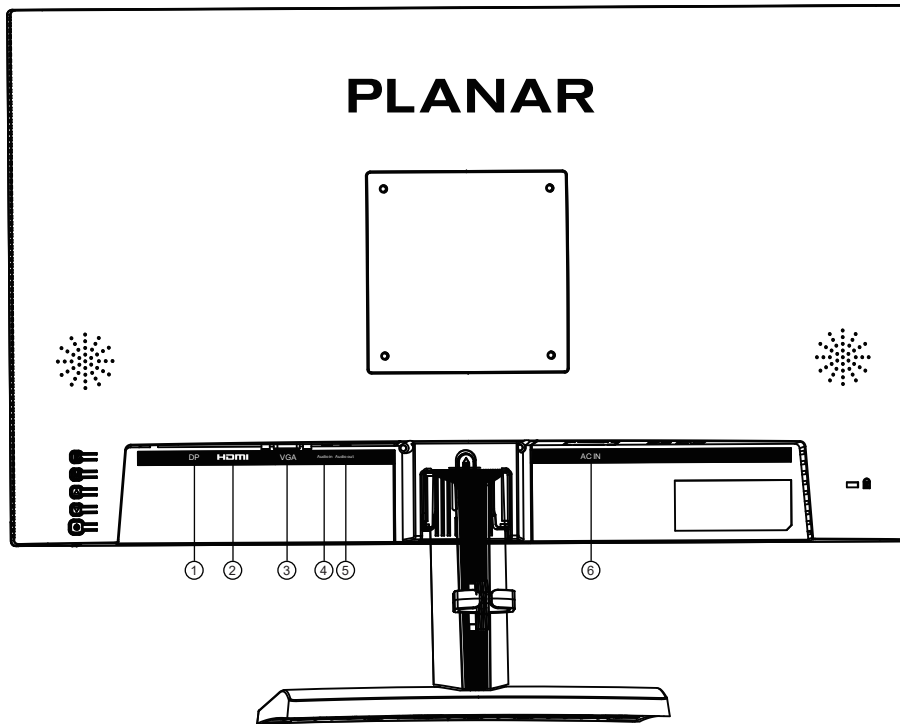
Front View of the Product



①	Exit The Menu/Crosshair
②	OSD Menu On Or Off/Confirm Select
③	Scroll Up/Adjust the increased value/Adjust Brightness
④	Scroll Down/Adjust the reduced value/Eco Mode
⑤	Power On/Off
⑥	LED Indicator

* Hot keys Instructions please see "Using the OSD Menu" on page 10.

Rear View of the Product

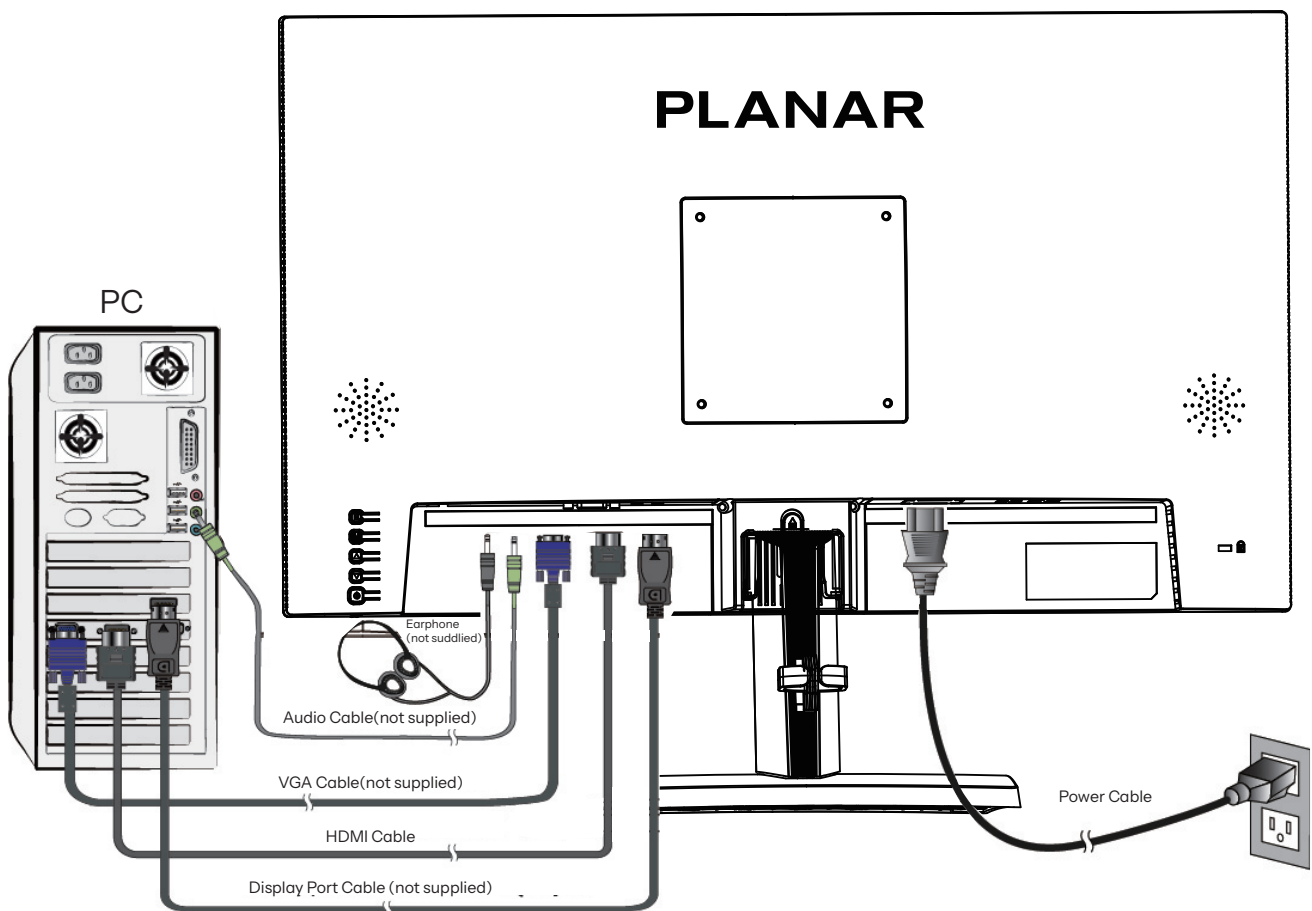


①	Display Port Input (Display Port 20 pin)
②	HDMI Input (HDMI 19 pin)
③	VGA Input (D-Sub 15 pin)
④	Audio Input
⑤	Headphone Jack
⑥	Power Input (AC Input)

Quick Installation

1. Connect either VGA or HDMI or DP Video Source from the monitor to the computer. Make sure both monitor and computer are powered OFF.
2. Connect the earphone to the earphone output terminal of the monitor (Earphone not supplied).
3. Connect the power cord to a properly grounded AC outlet, then to the monitor.
4. Power-ON computer and then POWER-ON the monitor. Set the timing mode on your computer. Recommended resolution and refresh rate is 1920 x 1080 @ 144Hz.

Figure 1:



Basic Operation


Before using the LCD monitor:

Connect external equipments properly.

Insert the power plug, and the power indicator will light amber.


Power On/Off

To turn the LCD monitor on/off :

Press  button on the front of LCD monitor. The power indicator lights blue when the LCD monitor is on.

Using the OSD Menu

You are able to use OSD menus to adjust various settings by using menu button on the back of the LCD monitor.

E	Exit from OSD manu
	Crosshair (when not in OSD menu)
M	Display main menu
	Confirm Select
▲	Scroll Up to select the desired item when in OSD menu
	Adjust the increased value
	Directly Adjust Brightness (when not in OSD menu)
	OSD locked after pressing 3ms
▼	Scroll Down to select the desired item when in OSD menu
	Adjust the reduced value
	Directly Adjust Eco Mode (when not in OSD menu)
	Power locked after pressing 3ms
	Power On/Off

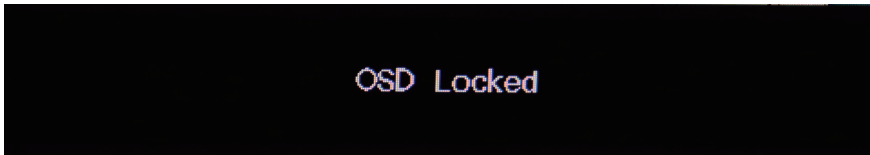
Remark: All the shortcuts function are only available while OSD off.

OSD Lock Out Function

When LCD monitor is in normal mode, the “OSD Lock Out” function can be enabled.

Option 1: OSD lock – all 4 buttons are locked except the “Power” button.
Press and hold the ▲ button for 3 seconds to lock the OSD buttons.

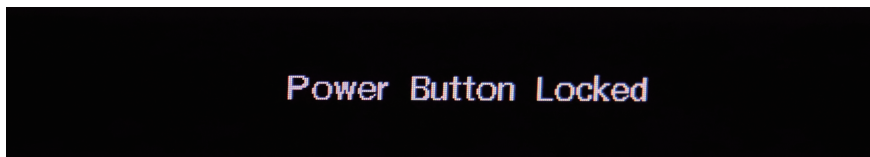
The LCD monitor will show an “OSD Locked” message for 3 seconds and the message will disappear automatically.



Repeat this step to unlock.

Option 2: OSD & Power button lock – all 5 buttons including the “Power” button are locked.
Press and hold the ▼ button for 3 seconds to lock all 5 buttons.

The Monitor will show a “Power Button Locked” message for 3 seconds and the message will disappear automatically.

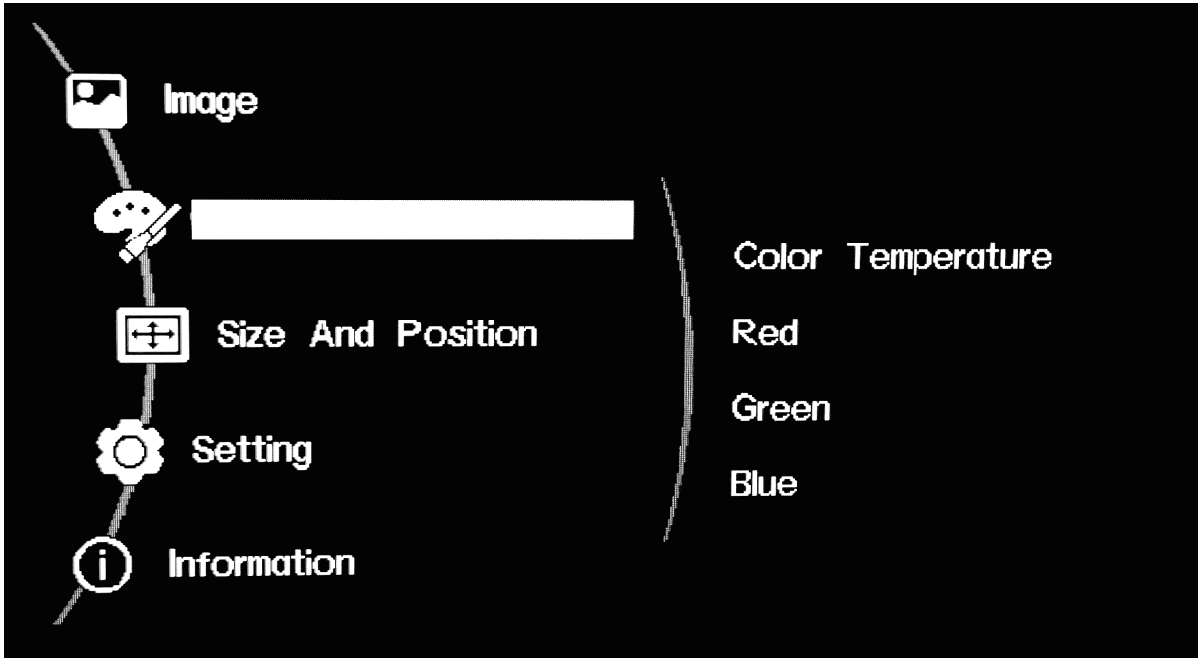


Repeat this step to unlock.

Advanced Operation—OSD Menu

You can use the OSD menu to adjust various settings for your LCD monitor.

Press the **E** button to display the OSD Menu, and use **▲ ▼** to select the desired OSD menu.



Short Cuts Function from the button(s)



Image Adjust: To manually adjust the Contrast, Brightness, ECO and DCR.

Brightness: To adjust the luminance of the video.

▲: increase brightness, ▼: decrease brightness.

Contrast: To adjust the foreground white level of screen image.

▲: increase contrast, ▼: decrease contrast.

Screen Mode: Allows the user to change the ECO mode.

Picture mode: Provides an optimum display environment depending on the content displayed. It contains 5 user-selectable presets.

Standard: is for general windows environment and monitor default setting.

Sport: optimized for displaying outdoor scenery images.

Internet: optimized for Internet environment.

Game: optimized for PC game environment.

Text: optimized for text editing and viewing in a word processing environment.

DCR: Allows the user to change the DCR mode. Brightness and contrast adjustment will be disabled when ECO is active.



Color Adjust: To select the color for improving brightness and color saturation between Warm, Normal, Cool, User Color.

Cool: Adds blue to screen image for cooler white.

Normal: Adds red to screen image for warmer white and richer red.

Warm: Adds green to screen image for a darker color.

User Color: Individual adjustments for red (R), green (G), blue (B).

1. Press button 2 to select the desired color.

2. Press ▲ or ▼ button to adjust selected color.



Aspect ratio: To select the video mode from Aspect Ratio or Full Screen.

Blue Light Flicker: To decrease the blue light emitted from the display to reduce the risk of blue light exposure to your eyes.

Press ▲ or ▼ key to adjust the Blue Light Reducer strength.

Over Drive: Allows the user to change the Over Drive strength. Improve the quality of the motion pictures.

Free Sync: Allows the user to change the Active sync.

User Color: Individual adjustments for red (R), green (G), blue (B).

1. Press button 2 to select the desired color.

2. Press ▲ or ▼ button to adjust selected color.



Setting: To set up Language select, Input Signal, OSD Position, OSD Time Out and reset the OSD Menu.

Language select: To allow users to choose from available languages.

Input Signal select: When Input Select is pressed, change Input signal to VGA, DP or HDMI.

OSD H. Position: Press ▲ or ▼ button to select between horizontal and vertical OSD Position adjustment. OSD H. Position: To horizontally adjust the OSD position.

▲: move OSD to the right, ▼: move OSD to the left.

OSD V. Position: To vertically adjust the OSD position.

▲: move OSD up, ▼: move OSD down.

Time menu: To automatically turn off Screen Display (OSD) after a preset period of time.

Volume: To adjust the volume of speaker output.

Defaults: To recall factory default setting, excluding Language.



Information: To display the information, regarding the refresh rate, resolution and software Version.

Note: See your graphic card user guide for more information about changing the resolution and refresh rate.

Supporting Timing Modes

STANDARD	RESOLUTION
VGA	720 x 400 @ 70Hz
VGA	640 x 480 @ 60Hz
MAC	640 x 480 @ 67Hz
VESA	640 x 480 @ 72Hz
VESA	640 x 480 @ 75Hz
VESA	800 x 600 @ 56Hz
VESA	800 x 600 @ 60Hz
VESA	800 x 600 @ 72Hz
VESA	800 x 600 @ 75Hz
MAC	832 x 624 @ 75Hz
VESA	1280 x 720 @ 60Hz
VESA	1024 x 768 @ 60Hz
VESA	1024 x 768 @ 70Hz
VESA	1024 x 768 @ 75Hz
MAC	1152 x 870 @ 75Hz
VESA	1280 x 960 @ 60Hz
VESA	1280 x 1024 @ 60Hz
VESA	1280 x 1024 @ 75Hz
VESA	1680 x 1050 @ 60Hz
MAC	1920 x 1080 @ 60Hz
VESA	1920 x 1080 @ 60Hz

Note:

1. HDMI supports 480i, 480p, 576i, 576p, 720p, 1080i, and 1080p.

Similar PC Timing on list below:

640 x 350 @ 70Hz / 640 x 400 @ 70Hz / 720 x 400 @ 70Hz

640 x 480 @ 60Hz / 720 x 480 @ 60Hz

1400 x 1050 @ 60Hz / 1680 x 1050 @ 60Hz

Warning: Do not set the graphic card in your computer to exceed these maximum refresh rates. Doing so may result in permanent damage to your monitor.

Avertissement : Ne réglez pas la carte graphique de votre ordinateur en dépassant ces taux de rafraîchissement maximaux. Si vous le faites, cela va irrémédiablement détériorer votre moniteur.

Technical Information

Technical Specification

Panel	23.8" TFT (with LED backlight)	
Power Management	STANDARD	On: 17.4 Watts (typical)
	SPORT	On: 16 Watts (typical)
	GAME	On: 15.4 Watts (typical)
	INTERNET	On: 14.7 Watts (typical)
	TEXT	On: 14.7 Watts (typical)
	Standby Mode: < 0.5 Watt	
	Off : < 0.5 Watt	
Displayable Resolution	Full HD 1920 x 1080 max. Vertical Frequency 144Hz max.	
Pixel Dimension	0.2475 x 0.2475mm	
Display Color	16.7M	
Tilt	-5°~15°	
Active Display Area	20.75" x 11.67" 527.04 mm x 296.46 mm	
Temperature	Operating: °C ~ + 40°C Storage: -20°C ~ + 60°C	
Compliance	CEC, Energy Star 8.0, FCC, CB (IEC62368), ICES, cTUVus, HDMI certificate, CE, UKCA, ERP	
Power	Input Voltage AC100-240 V	
Speaker	2W x 2	

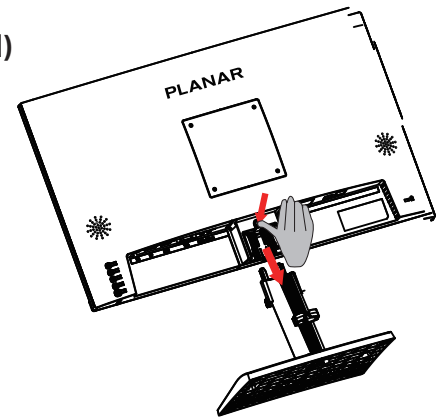
Wall-mount instruction

Preparing To Install The Optional Wall Mount Arm (not included)

This LCD monitor can be attached to a wall mounting arm purchased separately.

Turn the power off then disconnect the cables from the LCD monitor before performing the procedure below.

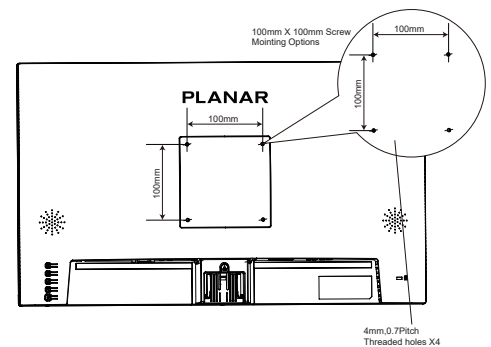
1. Lay the LCD monitor flat on a table with the LCD screen face down. To prevent the LCD monitor from being scratched, put a piece of soft cloth on the table on which the screen will be set.
2. Push release button and pull stand away from monitor.
3. Press the tenons inwardly and pull the base from stand to remove.



Attaching The Optional Wall Mount Arm (not supplied)

Follow these steps to finish installing the wall mounting arm:

1. Place the wall mounting arm onto the back of the LCD monitor. Line up the holes of the arm with the holes in the back of the monitor.
2. Insert the 4 screws into the holes and tighten.
3. Reconnect the cables. Refer to the User's Guide that came with the optional wall mounting arm for instructions on attaching it to the wall.



Note:

100mm x 100mm VESA high hole (n=4), M4, pitch =0.7 mm
Screw mounting kit not included.

Care and Maintenance

Care

Avoid exposing your LCD monitor directly to sunlight or other heat source. Place your LCD monitor away from the sun to reduce glare.

Put your LCD monitor in a well ventilated area.

Do not place any heavy things on top of your LCD monitor.

Make sure your LCD monitor is installed in a clean and moisture-free area.

Keep your LCD monitor away from magnets, motors, transformers, speakers, and TV sets.

Note

Move the LCD monitor out of the package and take off the plastic bag and Polystyrene Foam.

Pull the base from Parallel versus Panel to Vertical.

Adjust the Panel within -5 degree leaning forward and 15 degree leaning backward.

Safety Tips

If smoke, abnormal noise or odor came out from your LCD monitor, please remove the power cord immediately and call your service center.

Si de la fumée, un bruit anormal ou une odeur s'échappait de votre moniteur, débranchez immédiatement le cordon d'alimentation et appelez votre centre de service.

Never remove the rear cover of your LCD monitor cabinet. The display unit inside contains high-voltage parts and may cause electric shock to human bodies.

Never try to repair your LCD monitor yourself. Always call your service center or a qualified technician to fix it.

Troubleshooting

No power

Make sure A/C power cord is securely connected to the power adapter and the power supply is firmly connected to the LCD monitor.

Plug another electrical device into the power outlet to verify that the outlet is supplying proper voltage.

Make sure all signal cables are installed.

Power on but no screen image

Make sure the video cable supplied with the LCD monitor is tightly secured to the video output port on back of the computer. If not, tightly secure it.

Adjust brightness.

Wrong or abnormal colors

If any colors (red, green, blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.

Connect the LCD monitor to another computer.

Planar Support

Technical Support

Go to <http://www.planar.com/support/> to access the support documents and resources: user manual, outline drawings, standard warranties, Planar support hotline number and email.

Customer Service

24x7 Online Technical Support: <http://.planar.com/support>.

6799 NE Bennett Street, Hillsboro OR 97124.

Tel: 1-866-PLANAR1(866-752-6271), or +1 503-748-5799 outside the United States.

Hours: 24 hours a day, 7 days a week.

Toll or long distance charges may apply.

European Product Database for Energy Labeling (EPREL)

PVE24F Registration number: XXXXXX

@ 07/2026 Planar Systems, Inc. Planar is a registered trademark of Planar Systems, Inc. Other brands and names are the property of their respective owners. Technical information in this document is subject to change without notice.