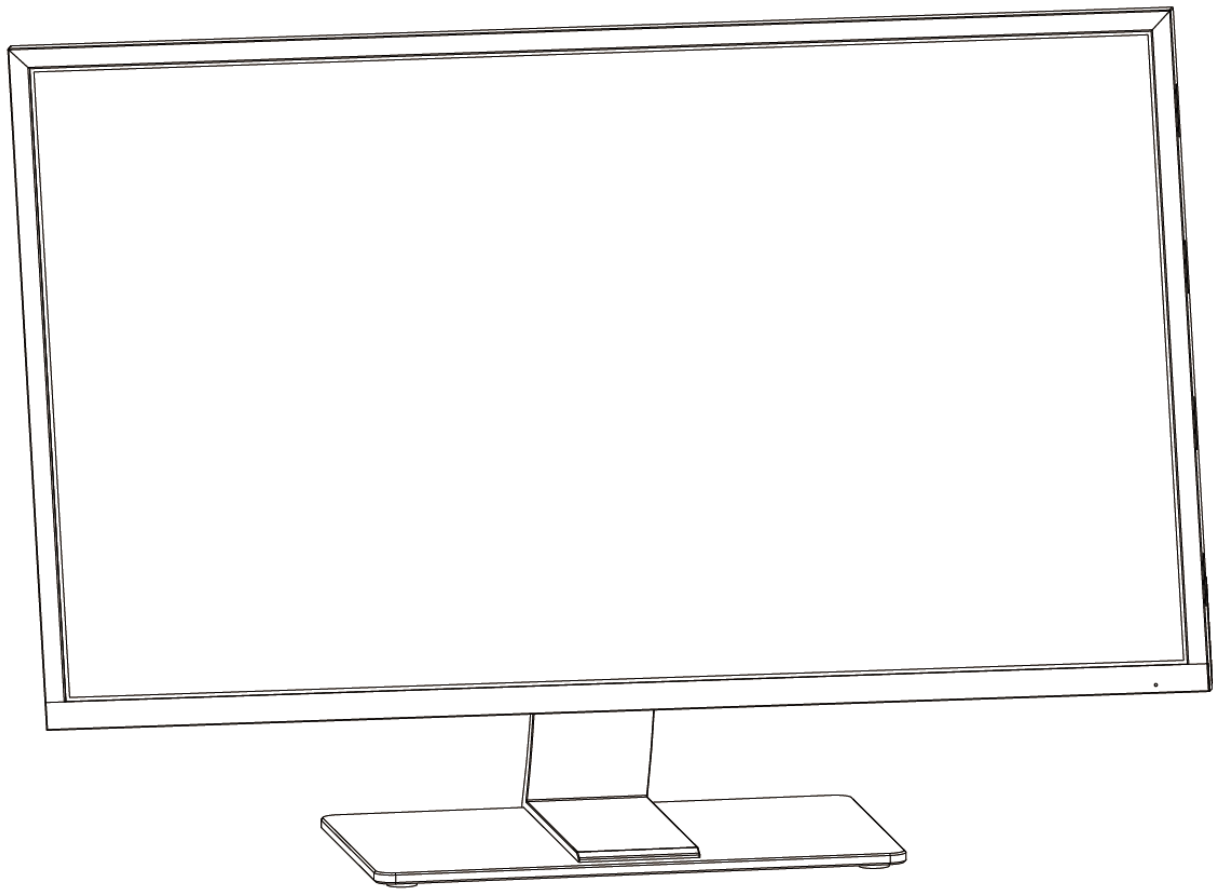


MONOPRICE

27-inch Premium Series IPS Monitor



P/N 18545

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- Do not place the monitor on an unstable surface where it could fall and cause either personal injury or damage to the monitor and/or other equipment.
- Do not expose the monitor to water or moisture of any kind. Do not place objects containing moisture, such as a glass or vase, where it could tip over and spill into or onto the monitor.
- If the monitor is exposed to water or moisture, immediately unplug it from its power source and allow it to completely dry out before reapplying power.
- Do not block the ventilation holes in the monitor's casing. Do not place the monitor in a confined space with inadequate ventilation.
- Do not place the monitor near a heat source, such as a fireplace, heating vent, radiator, etc. Do not leave it in direct sunlight.
- The power supply for this monitor uses a NEMA 5-15 three prong, grounded plug. Do not use a "cheater" plug or otherwise bypass the grounding pin.
- The power supply for this monitor accepts a wide range of input voltages, from 100 to 240 VAC, 50 or 60 Hz. Ensure that your power source is within these limits. If not, consult a professional electrician or your power company for a resolution.
- Unplug the monitor if it will go unused for a long period of time.
- This monitor has no user serviceable parts. Do not open the case or otherwise attempt to modify this monitor.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- Do not leave a single image on the display for a long period of time. Doing so could cause "burn-in" of the image. It is recommended to use a variable desktop background and to use a screen saver to prevent "burn-in". Alternatively, ensure that the monitor is powered off for at least 2 hours out of every 12.

FEATURES

- 2560 x 1440 maximum resolution
- 16:9 aspect ratio
- HDMI®, Dual Link DVI-D, and DisplayPort video inputs
- +15°/-5° tilt range using included stand
- 6ms response time

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Monitor

1x Stand Base

4x Screws for Stand Base

1x AC Power Adapter

1x AC Power Cord (NEMA 5-15 to IEC 60320 C13)

1x DisplayPort Cable

1x User's Manual

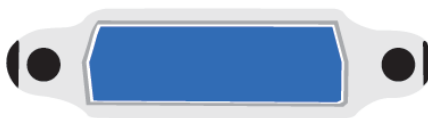
CONNECTIONS



DisplayPort



HDMI®



DVI




Audio In



DC IN

BUTTON FUNCTIONS

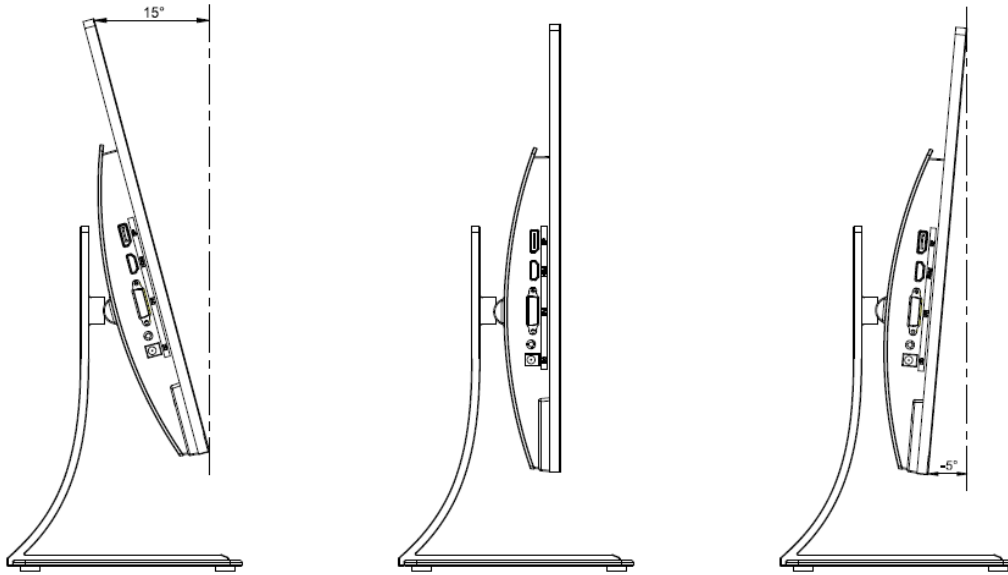
Button	Function
1. Menu	Activates the menu, Selects the highlighted function
2. Up	Moves highlight up, Increases the selected value, Switches image size/ratio
3. Down	Moves highlight down, Decreases the selected value, Switches image mode
4. Exit	Exits the current menu or edited value
5. 	Turns monitor on/off

SETUP

1. If you will be using the desk stand, use a Phillips screwdriver and the four included Screws to attach the Stand Base to the stand.
2. Using the included DisplayPort cable, plug one end into the **DisplayPort** input on the monitor, then plug the other end into the DisplayPort output on your computer.
3. Plug the DC barrel connector on the included AC Power Adapter into the **DC IN** connector on the monitor.
4. Plug the C13 included AC Power Cord into the AC Power Adapter, then plug the other end into a nearby AC power outlet.

VIEWING ANGLE ADJUSTMENT

The included monitor stand supports tilt adjustment from -5° (down) to +15° (up). To adjust the angle, grasp the bezel at both the top and bottom of the monitor and move it as desired. Use soft cloth gloves or a soft, dry cloth to grasp the monitor without touching the screen.



OSD MENU MAP

Main Menu Item	Sub Menu Item	Option	Function	
Brightness / Contrast Ratio	Brightness	0-100	Adjusts the display brightness	
	Contrast Ratio	0-100	Adjust the image contrast ratio	
	Image Mode	User		User defined mode
		RTS		Real-time strategy gaming mode
		FPS		First person shooter gaming mode
		Photo		Photo viewing mode
		Movie		Movie watching mode
		Standard		Default standard mode
	Dynamic Contrast Ratio	Enabled		Enables Dynamic Contrast Ratio
		Disabled		Disables Dynamic Contrast Ratio
Main SR	N/A		This function is not used on this monitor	

Color Temperature	Warm Color Temperature	N/A	Selects the warm color setting
	Cool Color Temperature	N/A	Selects the cool color temperature
	SRGB	N/A	Selects the sRGB color space
	User Setting	Red	Sets the amount of red color in the image
Green		Sets the amount of green color in the image	
Blue		Sets the amount of blue in the image	
OSD Settings	Language	English	Changes the OSD language to English (default)
		韓語	Changes the OSD language to Mandarin
		文中	Changes the OSD language to Simplified Chinese
		Italiano	Changes the OSD language to Italian
		Deutsch	Changes the OSD language to German
		Francais	Changes the OSD language to French
	Horizontal	0-100	Adjusts the horizontal position of the OSD menu
	Vertical	0-100	Adjusts the vertical position of the OSD menu
	Transparency	0-4	Adjusts the level of transparency/opacity of the OSD menu
OSD Time Out	10-60	Adjusts the length of time the OSD menu is visible without input	
Setup	Input	DVI	Switches the input to DVI
		DP	Switches the input to DisplayPort
		HDMI	Switches the input to HDMI
	Reset	N/A	Resets the monitor to the default settings
Others	Display Size	Full Screen	Adjusts the image size and aspect ratio to the indicated value. Note that the only options available when using the DisplayPort input are the Full Screen and 4:3 options. All options are available when using the DVI or HDMI inputs.
		4:3	
		1:1	
		17" 4:3	
		19" 4:3	
		19" 5:4	
		19" 16:9	
		19" 16:10	
		21.5" 16:9	
		22" 16:10	
		23" 16:9	
		23.6" 16:9	
	24" 16:9		
	Low Blue	Off	Reduces the amount of Blue Light in the image to help relieve eye strain during prolonged operation.
		Weak	
		Media	
		Strong	
Strongest			

COMPATIBLE VIDEO RESOLUTIONS

Video Standard	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
VGA	720x400	31.47	60.0
	640x480	31.47	60.0
		37.5	75.0
		37.861	72.8
SVGA	800x600	37.879	60.0
		48.077	72.2
		46.875	75.0
XVGA	1024x768	48.363	60.0
		56.476	70.0
		60.02	75.0
SXVGA	1280x1024	63.981	60.0
		79.976	75.0
WXGA	1360x768	47.7	60.0
WXGA+	1440x900	55.469	60.0
	1600x900	55.906	60.0
WSXGA+	1680x1050	64.7	60.0
WQHD	2560x1440	59.95	60.0

SPECIFICATIONS

Model	18545
Maximum Resolution	2560 x 1440
Display Size	27" (68.47 cm) diagonal
Aspect Ratio	16:9
Brightness	250 cd/m ²
Contrast Ratio (Typical)	1000:1
Response Time	6 ms
Pixel Pitch	0.2331 x 0.2331 mm
Display Colors	16.7 million
Viewing Angles (Horizontal/Vertical)	178° / 178°
Vertical Frequency	59.95 Hz
Maximum Power Consumption	52 watts
Standby Power Consumption	≤0.4 watts
Stand Tilt Range	+15° / -5°
VESA Mounting Size (with wall plate)	100 x 100
Operating Temperature	+41 ~ +95°F (+5 ~ +40°C)
Operating Humidity	20 ~ 85% RH, non-condensing
Dimensions	24.5" x 15.3" x 2.1" (623 x 390 x 55 mm)
Weight	11.9 lbs. (5.4 kg)

REGULATORY COMPLIANCE

Notice for FCC



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.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

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/TV technician for help.

Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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