Dell S2719DM
User's Guide

NOTE: A NOTE indicates important information that helps you make better use of your computer.

CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

Contents

About Your Monitor

Package Contents

Your monitor ships with the components shown below. Make sure that you have received all the components and contact Dell if something is missing.

NOTE: Some items may be optional and may not ship with your monitor. Some features or media may not be available in certain countries.

	Monitor with stand
	Power cable (varies by country)
	Power adapter
	HDMI 2.0 cable
	• Quick Setup Guide • Safety,Environmental,and Regulatory Information

Product Features

The **Dell S2719DM** monitor has an active matrix, thinfilm transistor (TFT), liquid crystal display (LCD), and LED backlight. The monitor features include:

- 68.47 cm (27-inch) viewable area display (measured diagonally). 2560 x 1440 resolution with full-screen support for lower resolutions.
- Mega dynamic contrast ratio (8,000,000:1).
- Wide viewing angles with high color gamut.
- Tilt adjustment capability.
- Plug and play capable if supported by your system.
- Minimize eye discomfort with a flicker-free screen.
- The possible long-term effects of blue light emission from the monitor may cause damage to the eyes, including eye fatigue or digital eye strain. ComfortView feature is designed to reduce the amount of blue light emitted from the monitor to optimize eye comfort.
- Adapted High Dynamic Range appropriate for monitor usage.
- Supports AMD FreeSync™ technology.
- On-screen display (OSD) adjustments for easy setup and screen optimization.
- CFR/BFR/PVC- Reduced (Circuit boards are made from CFR/BFR/PVC-free laminates).
- TCO-certified displays.
- RoHS Compliant.
- Arsenic-free glass and mercury-free for the panel only.
- 0.5 W standby power when in the sleep mode.

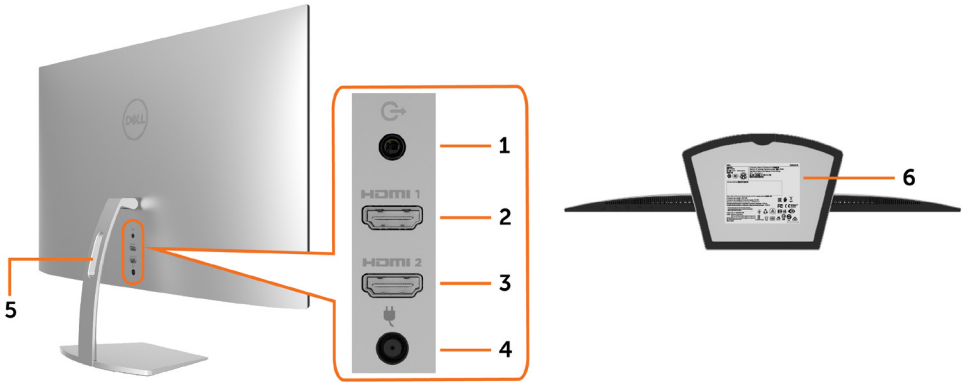# Identifying Parts and Controls

Front view
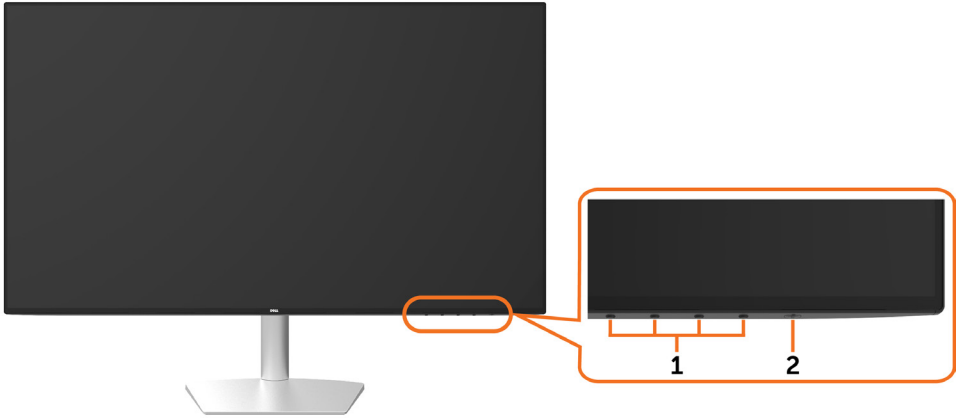
Label	Description
1	Function buttons (For more information, see Operating the Monitor)
2	Power on/off button (with LED indicator)

Back and Bottom View

Label	Description	Use
1	Audio line-out port	Connect speakers to playback audio coming through HDMI audio channels. Only supports 2-channel audio. **NOTE:** The audio line-out port does not support headphones. ⚠**WARNING: Excessive sound pressure from earphones or headphones can cause hearing damage or loss.**
2	HDMI1 connector	Connect your computer with HDMI cable.
3	HDMI2 connector	
4	DC power connector	To connect the monitor power adapter.
5	Cable-management slot	Use to organize cables by placing them through the slot.
6	Regulatory label, barcode, serial number, and Service Tag label	Lists the regulatory approvals. See this label if you need to contact Dell for technical support. **NOTE:** The rating label is located at the base of the stand.

Monitor Specifications

Screen type	Active matrix - TFT LCD
Panel Type	Plane To Line Switching
Aspect ratio	16:9
Viewable image dimensions	
Diagonal	68.47 cm (27 inches)
Active Area	
Horizontal	596.74 mm (23.49 inches)
Vertical	335.66 mm (13.21 inches)
Area	200301.75 mm² (310.47 inches²)
Pixel pitch	0.233 mm x 0.233 mm
Pixel per inch (PPI)	109
Viewing angle	
Horizontal	178° (typical)
Vertical	178° (typical)
Brightness	400 cd/m² (typical) 600 cd/m² (peak)
Contrast ratio	1000 to 1 (typical) 8,000,000 to 1 (dynamic contrast on)
Faceplate coating	Anti-glare treatment of the front polarizer (3H)
Backlight	White LED, EDGELIGHT system
Response Time (Gray to Gray)	5 ms (FAST mode) 8 ms (NORMAL mode)
Color depth	16.7 million colors
Color gamut	sRGB 1931 coverage ≥ 99% DCI-P3 1976 coverage 85% (typical)
Connectivity	• 2 x HDMI2.0 with HDCP2.2(combine HDMI1.4 with HDCP 1.4) • 1 x Analog 2.0 audio line out (3.5mm jack)
Border width (edge of monitor to active area)	7.10 mm (Top) 7.10 mm (Left/Right) 8.00 mm (Bottom)
Adjustability	
Tilt Swivel	-5° to 21° NA
Dell Display Manager (DDM) Compatibility	Easy Arrange and other key features

Resolution Specifications

Horizontal scan range	30 kHz to 120 kHz (HDMI1.4) 30 kHz to 140 kHz (HDMI2.0)
Vertical scan range	48 Hz to 75 Hz (HDMI1.4/HDMI2.0)
Maximum preset resolution	2560 x 1440 at 60 Hz
Video input capabilities (HDMI playback)	480p,576p, 720p,1080p (HDMI1.4/HDMI2.0) 2160p(HDMI2.0)

Preset Display Modes

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal/ Vertical)
720 x 400	31.5	70.0	28.3	-/+
VESA, 640 x 480	31.5	60.0	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
VESA, 800 x 600	37.9	60.3	40.0	+/+
VESA, 800 x 600	46.9	75.0	49.5	+/+
VESA, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1024 x 768	60.0	75.0	78.8	+/+
VESA, 1152 x 864	67.5	75.0	108.0	+/+
VESA, 1280 x 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+
VESA, 1600x 1200	75.0	60.0	162.0	+/+
VESA, 1920 x 1080	67.5	60.0	148.5	+/+
CVT, 2560 x 1440	88.8	60.0	241.5	+/-

Electrical Specifications

Video input signals	• Digital video signal for each differential line Per differential line at 100 ohm impedance • HDMI signal input support

AC/DC adapter:	
Input voltage/ frequency/current	100-240 VAC / 50 or 60 Hz ± 3 Hz / 1.7A (maximum)
Output voltage/current	Output: 19.5 VDC /3.34 A
Inrush current	At 115V/230V, maximum inrush current less than 150A (cold start).

Brand	Manufacturer	Model	Polarity
Dell	Liteon	LA65NM130	⊖—Ⓒ—⊕
Dell	Chicony	HA65NM130	⊖—Ⓒ—⊕

Physical Characteristics

Connector type	• HDMI connector • Audio line-out
Signal cable type	HDMI 1.8 M cable
Dimensions (with stand)	
Height	452.7 mm (17.82 inches)
Width	610.9 mm (24.05 inches)
Depth	157.6 mm (6.20 inches)
Dimensions (without stand)	
Height	354.1 mm (13.94 inches)
Width	610.9 mm (24.05 inches)
Depth	29.0 mm (1.14 inches)
Stand dimensions	
Height	227.7 mm (8.96 inches)
Width	228.3 mm (8.99 inches)
Depth	157.6 mm (6.20 inches)
Weight	
Weight with packaging	8.05 kg (17.75 lb)
Weight with stand assembly and cables	4.86 kg (10.71 lb)

Environmental Characteristics

| Temperature	
Operating	0°C to 40°C (32°F to 104°F)
Non-operating	–20°C to 60°C (–4°F to 140°F)
Humidity	
Operating	20% to 80% (non-condensing)
Non-operating	10% to 90% (non-condensing)
Altitude	
Operating	5,000 m (16,404 ft) (maximum)
Non-operating	12,192 m (40,000 ft) (maximum)
Thermal dissipation	143.30 BTU/hour (maximum) 98.95 BTU/hour (typical)

Power Management Modes

If you have VESA's DPM-compliant video card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. This is referred to as power save mode*. If the computer detects input from the keyboard, mouse, or other input devices, the monitor automatically resumes functioning. The following table shows the power consumption and signaling of this automatic power saving feature.

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	42 W (maximum)** 29 W (typical)
Active-off mode	Inactive	Inactive	Off	White (Glowing)	Less than 0.5 W
Switch off	-	-	-	Off	Less than 0.3 W

Power Consumption P_{on}	20.74 W
Total Energy Consumption (TEC)	65.24 kWh

The OSD operates only in the normal operation mode. If you press any button in the active-off mode, the following message is displayed:
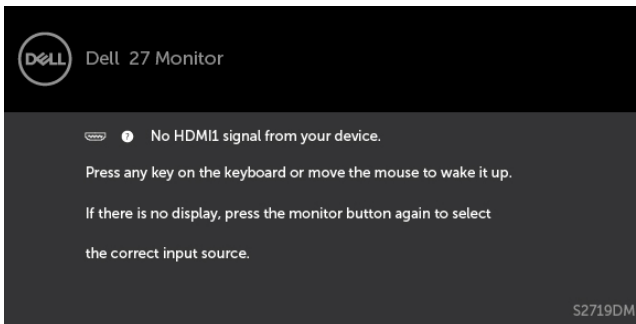
*Zero power consumption in OFF mode can only be achieved by disconnecting the AC mains cable from the monitor.

**Maximum power consumption with maximum luminance, and USB active.

This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered and shall have no obligation to update such information. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.
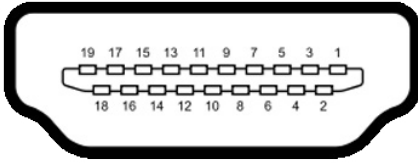Activate the computer and the monitor to gain access to the OSD.

✍ NOTE:

P_{on}: Power consumption of On Mode measured with reference to Energy Star test method.

TEC: Total energy consumption in kWh measured with reference to Energy Star test method.

Pin Assignments_HDMI connector

Pin number	19-pin side of the connected signal cable
1	TMDS DATA 2+
2	TMDS DATA 2 SHIELD
3	TMDS DATA 2-
4	TMDS DATA 1+
5	TMDS DATA 1 SHIELD
6	TMDS DATA 1-
7	TMDS DATA 0+
8	TMDS DATA 0 SHIELD
9	TMDS DATA 0-
10	TMDS CLOCK+
11	TMDS CLOCK SHIELD
12	TMDS CLOCK-
13	CEC
14	Reserved (N.C. on device)
15	DDC CLOCK (SCL)
16	DDC DATA (SDA)
17	DDC/CEC Ground
18	+5 V POWER
19	HOT PLUG DETECT

Plug-and-Play

You can install the monitor in any Plug-and-Play-compatible system. The monitor automatically provides the computer system with its extended display identification data (EDID) using display data channel (DDC) protocols so the computer can configure itself and optimize the monitor settings. Most monitor installations are automatic; you can select different settings if desired. For more information about changing the monitor settings, see Operating the Monitor.

LCD Monitor Quality and Pixel Policy

During the LCD monitor manufacturing process, it is not uncommon for one or more pixels to become fixed in an unchanging state which are hard to see and do not affect the display quality or usability. For more information on LCD Monitor Pixel Policy, see Dell support site at: http://www.dell.com/support/monitors.

Setting Up the Monitor

Using the Tilt

You can tilt the monitor for the most comfortable viewing angle.
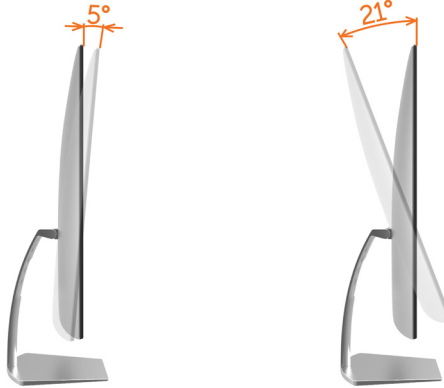
Connecting Your Monitor

⚠ **WARNING: Before you begin any of the procedures in this section, follow the Safety Instructions.**

To connect your monitor to the computer:

  1 Turn off your computer.

  2 Connect the HDMI cable from your monitor to the computer.
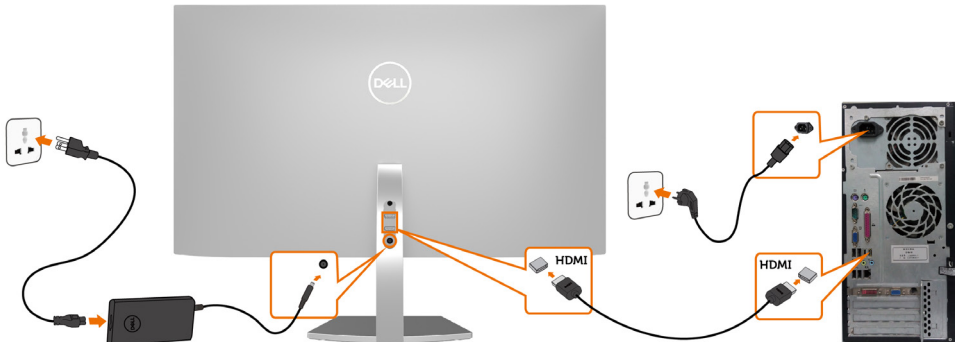
  3 Switch on your monitor.

  4 Select the correct input source at Monitor OSD Menu and turn on your computer.

Requirements to view or playback HDR content

(1) via Ultra BluRay DVD or Game consoles

Ensure the DVD player and Game consoles are HDR capable (for example Panasonic DMP-UB900, x-Box One S, PS4 Pro). Download and install the appropriate graphics card drivers (for PC applications), see below.

(2) via PC

Ensure the graphics card used is HDR capable [HDMI2.0a (with HDR option) compliant and HDR graphics driver is installed]. HDR capable player application must be used, for example, Cyberlink PowerDVD 17, Windows 10 Movies and TV app.

For example Dell XPS8910, Alienware Aurora R5, bundled with the below graphics cards.

Dell Graphics driver with HDR support: Refer to Dell support site (http://www.dell.com/support/monitors) to download the latest graphics driver that supports HDR playback for your PC/Notebook.

Nvidia

HDR capable Nvidia graphics cards: GTX1070, GTX1080, P5000, P6000, etc. For a full range of HDR capable Nvidia graphics cards please refer to Nvidia website

www.nvidia.com

Driver that supports Full Screen Playback mode (for example PC games, UltraBluRay players),HDR on Win10 Redstone 2 OS: 384.76 or later.

AMD

HDR capable AMD graphics cards: RX480, RX470, RX460, WX7100, WX5100, WX4100, etc. For a full range of HDR capable AMD graphics cards please refer to www.amd.com Check HDR driver support information and download the latest driver from
www.amd.com.

Intel (Integrated Graphics)

HDR capable system: CannonLake or later

Suitable HDR player: Windows 10 Movies and TV app

OS with HDR support: Windows 10 Redstone 3

Driver with HDR support: visit downloadcenter.intel.com for the latest HDR driver

NOTE: HDR playback via OS (for example playback of HDR in a window within desktop) requires Win 10 Redstone 2 or later with appropriate player applications (for example PowerDVD17). Playing back protected content will require appropriate DRM software and/or hardware (for example Microsoft Playready™).

Please refer to Microsoft website for HDR support information.

Organizing Your Cables

After attaching all necessary cables to your monitor and computer, (see Connecting Your Monitor for cable attachment) organize all cables as shown above.
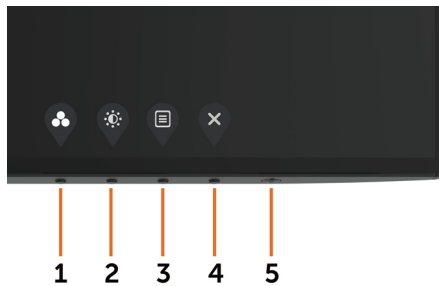
Operating the Monitor

Turning on the Monitor

Press the ⏻ button to turn on the monitor.
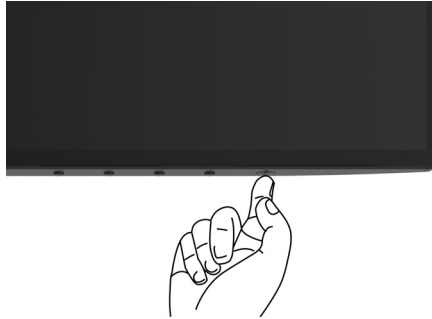
Using the Front Panel Controls

Use the control buttons on the front of the monitor to adjust the characteristics of the image being displayed. As you use these buttons to adjust the controls, an OSD shows the numeric values of the characteristics as they change.

The following table describes the front panel buttons:

Front-Panel Button	Description
1 **Shortcut key:** **Preset Modes**	Use this button to choose from a list of preset color modes.
2 **Shortcut key:** **Brightness/Contrast**	Use this button to directly access the "Brightness/Contrast" bar.
3 **Menu**	Use this menu button to launch the on-screen display (OSD) and select the OSD menu. See Accessing the Menu System.
4 **Exit**	Use this button to go back to the main menu or exit the OSD main menu.
5 **Power (with power light indicator)**	Use the **Power** button to turn the monitor On and Off. The white LED indicates the monitor is On and fully functional. A glowing white LED indicates DPMS Power Save Mode.

Front-Panel Button

Use the buttons on the front of the monitor to adjust the image settings.

Front Panel Button		Description
1 Up Down		Use the **Up** (increase) and **Down** (decrease) keys to adjust items in the OSD menu.
2 OK		Use the **OK** button to confirm your selection.
3 Back		Use the **Back** button to go back to the previous menu.

Using the On-Screen Display (OSD) Menu

Accessing the Menu System

NOTE: Any changes you make using the OSD menu are automatically saved if you move to another OSD menu, exit the OSD menu, or wait for the OSD menu to disappear.

1 Press the 🔳 button to launch the OSD menu and display the main menu.
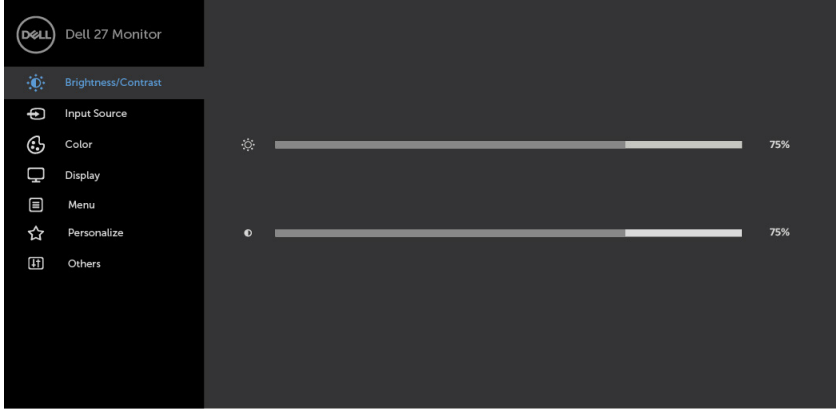
2 Press the ⌃ and ⌄ buttons to move between options. As you move from one icon to another, the option name is highlighted.

3 Press the ❯ or ✓ or ⌃⌄ button once to activate the highlighted option.

4 Press the ⌃ and ⌄ buttons to select the desired parameter.

5 Press ❯ to enter the slide bar and then use the ⌃ or ⌄ button, according to the indicators on the menu, to make your changes.

6 Select the ↩ to return to previous menu or ✓ to accept and return to previous menu.

Icon	Menu and Submenus	Description
	Brightness/ Contrast	Use this menu to activate **Brightness/Contrast** adjustment.
	Brightness	**Brightness** adjusts the luminance of the backlight (minimum 0; maximum 100). Press the button to increase brightness. Press the button to decrease brightness. **NOTE:** Manual adjustment of **Brightness** is disabled when **Dynamic Contrast/HDR** are switched on.
	Contrast	Adjust the **Brightness** first, and then adjust **Contrast** only if further adjustment is necessary. Press the button to increase contrast and press the button to decrease contrast (between 0 and 100). Contrast adjusts the difference between darkness and lightness on the monitor.
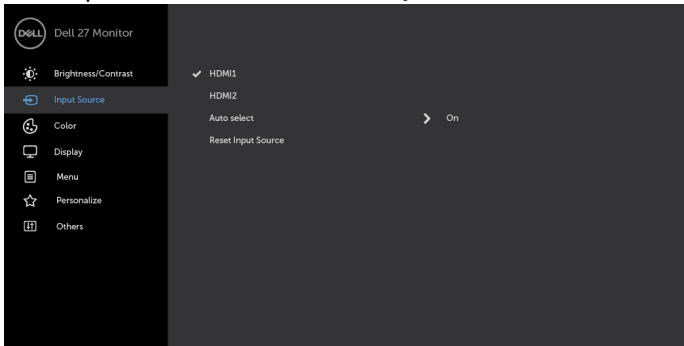
Icon	Menu and Submenus	Description
	Input Source	Use the **Input Source** menu to select between different video inputs that are be connected to your monitor.
	HDMI1	Select the **HDMI1** input when you are using the HDMI1 connector. Use to select the HDMI1 input source.
	HDMI2	Select the **HDMI2** input when you are using the HDMI2 connector. Use to select the HDMI2 input source.
	Auto Select	Use to select **Auto Select**, the monitor scans for available input sources.
	Reset Input Source	Resets your monitor's Input Source settings to the factory defaults.
	Color	Use the **Color** menu to adjust the color setting mode.
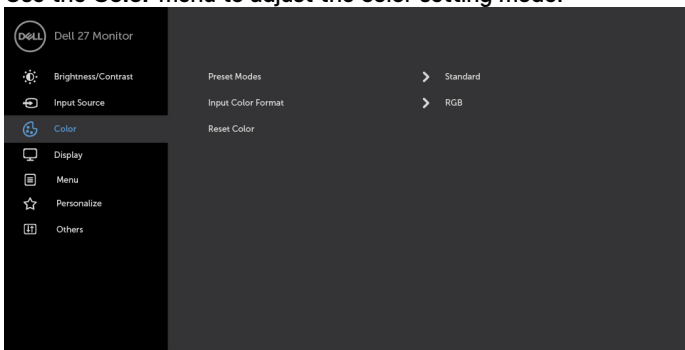
Icon	Menu and Submenus	Description
	Preset Modes	When you select **Preset Modes**, you can choose **Standard, ComfortView, Movie, Game, Warm, Cool** or **Custom Color** from the list.
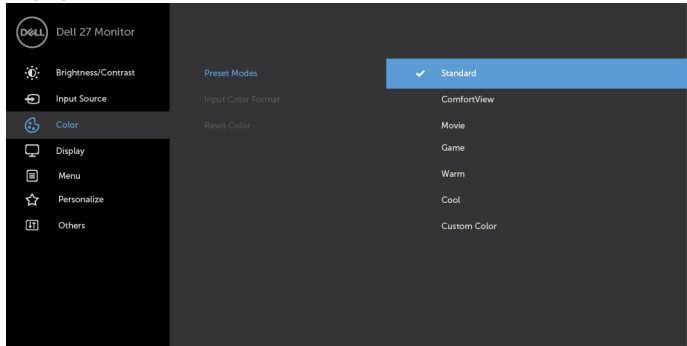
- **Standard:** Default color settings. This is the default preset mode.
- **ComfortView:** Decreases the level of blue light emitted from the screen to make viewing more comfortable for your eyes.

  NOTE: To reduce the risk of eye strain and neck/arm/back/shoulders pain from using the monitor for long periods of time, we suggest you to :

  - Set the screen about 20 to 28 inches (50-70 cm) from your eyes.
  - Blink frequently to moisten or rewet your eyes when working with the monitor.
  - Take regular and frequent breaks for 20 minutes every two hours.
  - Look away from your monitor and gaze at a distant object at 20 feet away for at least 20 seconds during the breaks.
  - Perform stretches to relieve tension in the neck/arm/back/shoulders during the breaks.
- **Movie:** Loads color settings ideal for movies.
- **Game:** Loads color settings ideal for most gaming applications.
- **Warm:** Increases the color temperature. The screen appears warmer with a red/yellow tint.
- **Cool:** Decreases the color temperature. The screen appears cooler with a blue tint.
- **Custom Color:** Allows you to manually adjust the color settings.

  Press the ⟩ and ⟨ buttons to adjust the Red, Green, and Blue values and create your own preset color mode.

  NOTE: When Smart HDR is ON, Movie and Game preset modes will operate with backlight local dimming.

Icon	Menu and Submenus	Description
	Input Color Format	Allows you to set the video input mode to: • **RGB:** Select this option if your monitor is connected to a computer (or DVD player) using the HDMI cable. • **YPbPr:** Select this option if your DVD player supports only YPbPr output.
	Hue	Use 🔺 or 🔻 to adjust the hue from 0 to 100. **NOTE:** Hue adjustment is available only for Movie and Game mode.
	Saturation	Use 🔺 or 🔻 to adjust the saturation from 0 to 100. **NOTE:** Saturation adjustment is available only for Movie and Game mode.
	Reset Color	Resets your monitor's color settings to the factory defaults.
🖥	**Display**	Use the **Display** menu to adjust image.
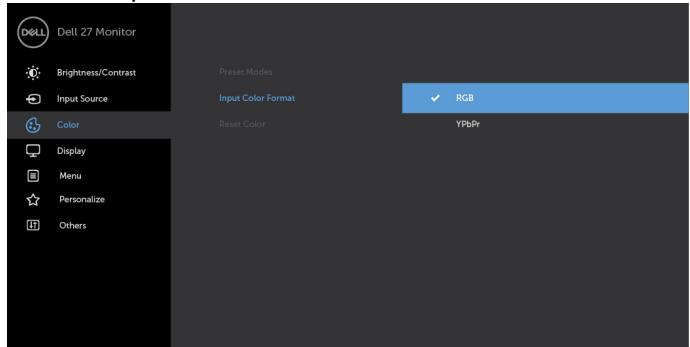
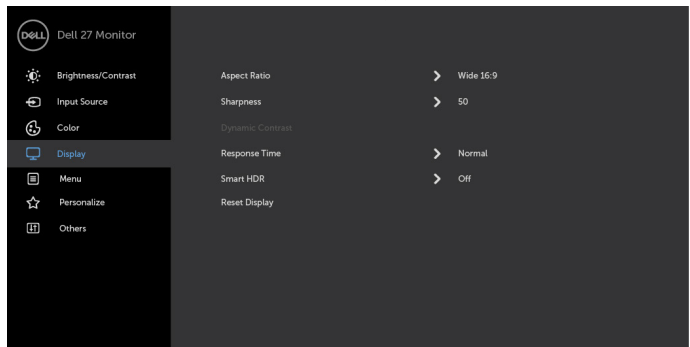| Icon	Menu and Submenus	Description
	Aspect Ratio	Adjust the image ratio to **Wide 16:9, 4:3** or **5:4**.
	Sharpness	Makes the image look sharper or softer. Use ⌃ or ⌄ to adjust the sharpness from '0' to '100'.
	Dynamic Contrast	Allows you to increase the level of contrast to provide sharper and more detailed image quality. Push the ❯ button to select the **Dynamic Contrast** "On" or "Off". **NOTE:** For **Game** and **Movie** preset mode only. **NOTE: Dynamic Contrast** provides higher contrast if you select **Game** or **Movie** preset mode.
	Response Time	Allows you to set the **Response Time** to **Normal** or **Fast**.
	Smart HDR	Push the ❯ button to switch the **Smart HDR** feature between **Desktop**, **Movie HDR**, **Game HDR**, **Reference** and **Off**. Smart HDR(High Dynamic Range) automatically enhances the display output by adjusting the settings optimally to resemble life like visuals. **Desktop:** This is the default mode. It is most suited for general usage of the monitor with a desktop computer. **Movie HDR:** Use this mode during playback of HDR video content to expand the contrast ratio, brightness, and color pallette. It matches the video quality with real life visuals. **Game HDR:** Use this mode when playing games that support HDR to expand the contrast ratio, brightness, and color pallette. It makes gaming experience more realistic as intended by the game developers. **Reference:** Best use with content that complies with PCHDR standards. **Off:** Disables Smart HDR function. **NOTE:** This function is only available when an HDMI signal is detected. When the monitor is processing HDR content,FreeSync Preset Modes, Brightness, and Dynamic Contrast will be disabled. **NOTE:** The possible peak luminance during HDR mode is 600-nits(typical). The actual value and duration during HDR playback might vary accordingly to the video content. **NOTE:** HDMI switches to version 2.0 when one of the Smart HDR mode is selected. HDMI switches to version 1.4 when Smart HDR is Off.
	Reset Display	Restores the display settings to factory defaults.

Icon	Menu and Submenus	Description
	Menu	Select this option to adjust the settings of the OSD, such as, the languages of the OSD, the amount of time the menu remains on screen, and so on.
	Language	Set the OSD display to one of eight languages. (English, Spanish, French, German, Brazilian Portuguese, Russian, Simplified Chinese, or Japanese).
	Transparency	Select this option to change the menu transparency by using ⌃ and ⌄ (min. 0% / max. 100%).
	Timer	**OSD Hold Time:** Sets the length of time the OSD remains active after you press a button. Use the ⌃ and ⌄ buttons to adjust the slider in 1-second increments, from 5 to 60 seconds.
	Reset Menu	Restore the menu settings to factory defaults.
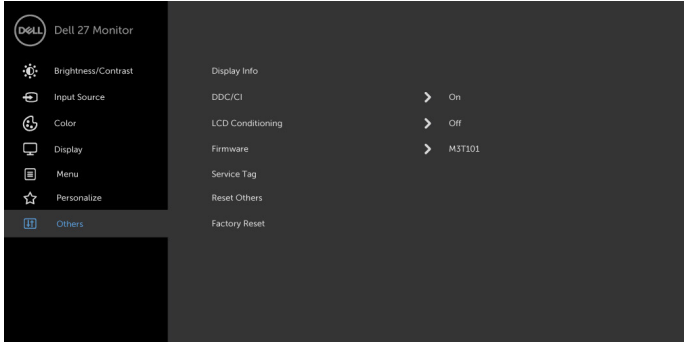
Icon	Menu and Submenus	Description
☆	**Personalize**	
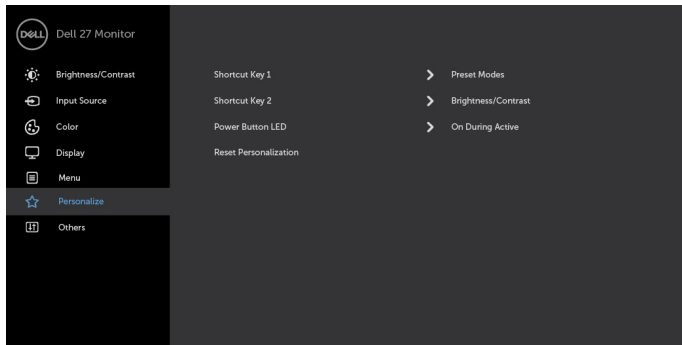
Shortcut key 1	Select from **Preset Modes, Brightness/Contrast, Input Source, Aspect Ratio, Smart HDR** set as shortcut key 1.
Shortcut key 2	Select from **Preset Modes, Brightness/Contrast, Input Source, Aspect Ratio, Smart HDR** set as shortcut key 2.
Power Button LED	Allows you to set the state of the power light to save energy.
Reset Personalization	Restores Shortcut Keys and Power Button LED to factory defaults.

Icon	Menu and Submenus	Description
	Other

Select this option to adjust the OSD settings, such as the **DDC/CI, LCD conditioning,** and so on. |
| | **Display info** | Displays the monitor's current settings. |
| | **DDC/CI** | **DDC/CI** (Display Data Channel/Command Interface) allows you to adjust the monitor settings using software on your computer.

Select **Off** to turn off this feature.

Enable this feature for best user experience and optimum performance of your monitor.

 |

Icon	Menu and Submenus	Description
	LCD Conditioning	Helps reduce minor cases of image retention. Depending on the degree of image retention, the program may take some time to run. Select **On** to start the process.

	Firmware	Firmware version.
	Service Tag	Displays the Service Tag. The Service Tag is a unique alphanumeric identifier that allows Dell to identify the product specifications and access warranty information.
		NOTE: The Service Tag is also printed on a label located at the base of the stand.
	Reset Others	Restores other settings, such as **DDC/CI**, to factory defaults.
	Factory Reset	Restores all OSD settings to the factory defaults.
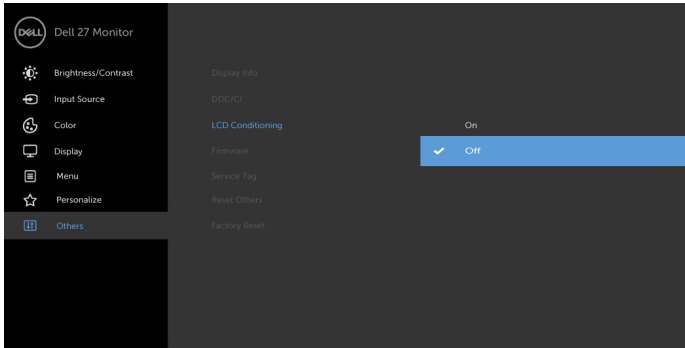
OSD Warning Messages

When the **Dynamic Contrast** feature is enabled (in these preset modes: **Game** or **Movie**), manual brightness adjustment is disabled.
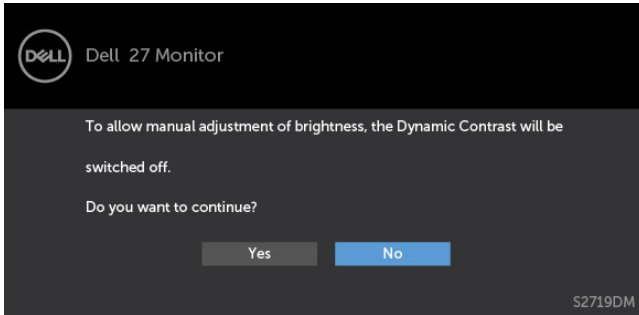
When the monitor does not support a particular resolution mode, you can see the following message:
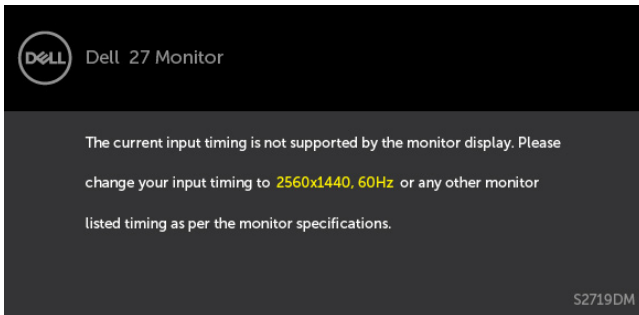
This means that the monitor cannot synchronize with the signal that it is receiving from the computer. See Monitor Specifications for the Horizontal and Vertical frequency ranges addressable by this monitor. Recommended mode is 2560 x 1440.

You can see the following message before the DDC/CI function is disabled:
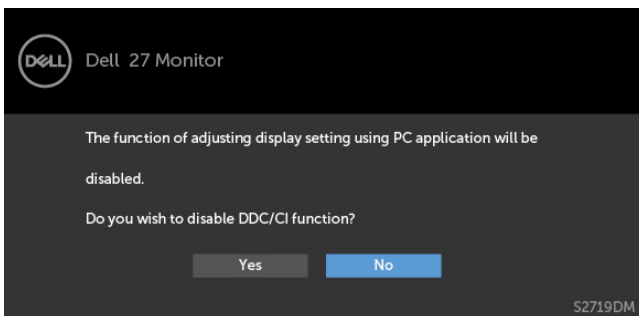
When the monitor enters the **Power Save** mode, the following message appears:

Dell 27 Monitor

Entering Power Save Mode.
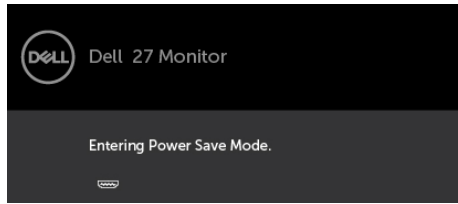
Activate the computer and wake up the monitor to gain access to the OSD.

If you press any button other than the power button, the following messages will appear depending on the selected input:

Dell 27 Monitor

No HDMI1 signal from your device.

Press any key on the keyboard or move the mouse to wake it up.

If there is no display, press the monitor button again to select

the correct input source.

S2719DM
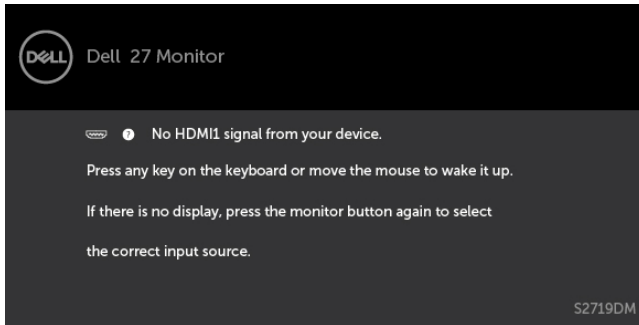
If user tries to change the preset mode when Smart HDR is ON, the following message is shown:

Dell 27 Monitor

Currently processing HDR content...

To change preset mode, stop playing the HDR content.

Alternatively, switch off the Smart HDR function in Display settings.

S2719DM
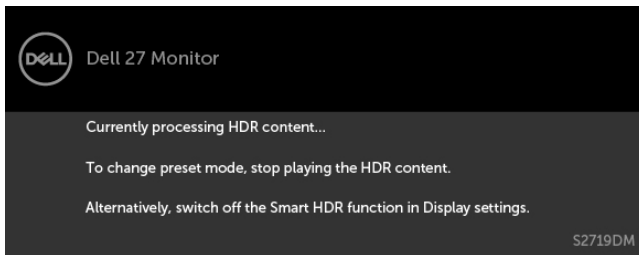
When using the wrong Adapter or Adapter connection exception,you can see the following message:

Dell 27 Monitor

Please check if the power plug is inserted properly

or if the correct power adapter is used.

S2719DM
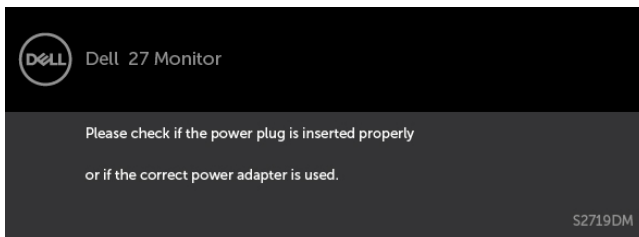
If either HDMI1, HDMI2 input is selected and the corresponding cable is not connected, a floating dialog box as shown below appears.
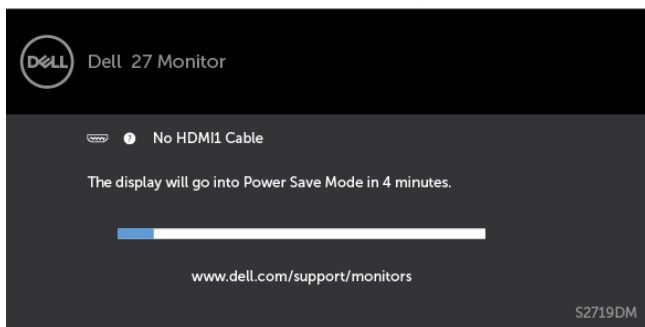
or
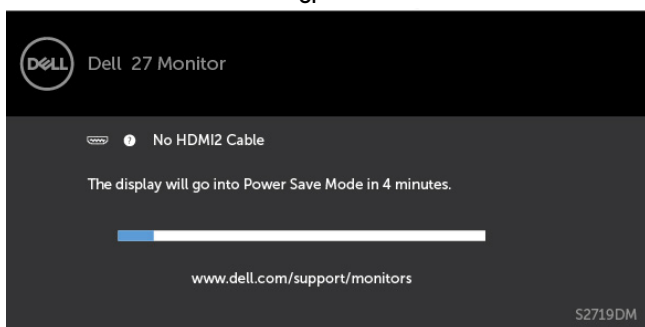
See Troubleshooting for more information.

Troubleshooting

⚠ **WARNING: Before you begin any of the procedures in this section, follow the Safety Instructions.**

Self-Test

Your monitor provides a self-test feature that allows you to check whether your monitor is functioning properly. If your monitor and computer are properly connected but the monitor screen remains dark, run the monitor self-test by performing the following steps:

1 Turn off both your computer and the monitor.

2 Unplug the video cable from the back of the computer. To ensure proper Self-Test operation, remove all digital and the analog cables from the back of computer.

3 Turn on the monitor.

The floating dialog box should appear on-screen (against a black background), if the monitor cannot sense a video signal and is working correctly. While in self-test mode, the power LED remains white. Also, depending upon the selected input, one of the dialogs shown below will continuously scroll through the screen.

Dell 27 Monitor

No HDMI1 Cable

The display will go into Power Save Mode in 4 minutes.

www.dell.com/support/monitors

S2719DM

or

Dell 27 Monitor

No HDMI2 Cable

The display will go into Power Save Mode in 4 minutes.

www.dell.com/support/monitors

S2719DM
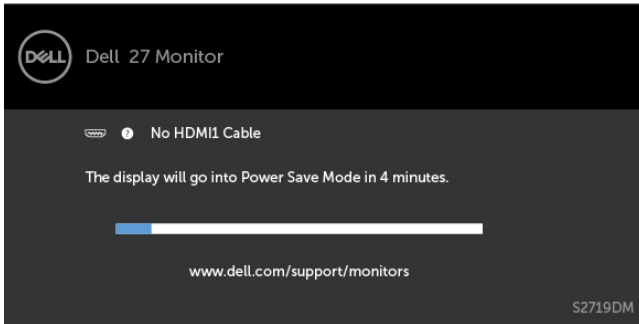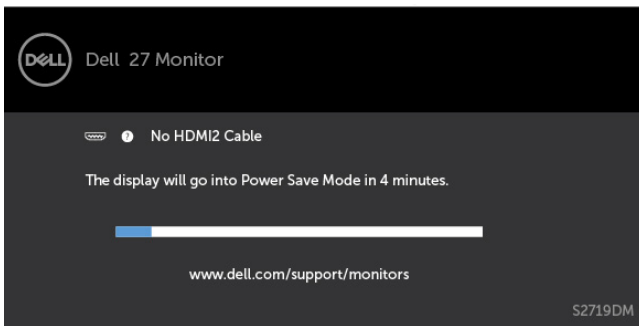
4 This box also appears during normal system operation, if the video cable becomes disconnected or damaged.

5 Turn off your monitor and reconnect the video cable; then turn on both your computer and the monitor.

If your monitor screen remains blank after you use the previous procedure, check your video controller and computer, because your monitor is functioning properly.

Built-in Diagnostics

Your monitor has a built-in diagnostic tool that helps you determine if the screen abnormality you are experiencing is an inherent problem with your monitor, or with your computer and video card.

NOTE: You can run the built-in diagnostics only when the video cable is unplugged and the monitor is in self-test mode.

To run the built-in diagnostics:

1 Make sure that the screen is clean (no dust particles on the surface of the screen).

2 Unplug the video cable(s) from the back of the computer or monitor. The monitor then goes into the self-test mode.

3 Press and hold **Button 1** for 5 seconds. A gray screen appears.

4 Carefully inspect the screen for abnormalities.

5 Press **Button 1** on the front panel again. The color of the screen changes to red.

6 Inspect the display for any abnormalities.

7 Repeat steps 5 and 6 to inspect the display in green, blue, black, white, and text screens.

The test is complete when the text screen appears. To exit, press **Button 1** again.
If you do not detect any screen abnormalities upon using the built-in diagnostic tool, the monitor is functioning properly. Check the video card and computer.

Recover HDMI version

Your monitor provides a HDMI version recovery failsafe mechanism. HDMI switches to version 2.0 when one of the Smart HDR modes is selected. If the screen goes blank after switching to HDMI version 2.0, perform the following steps to revert to HDMI version 1.4 :

1 Press any of the menu key to wake up the monitor.
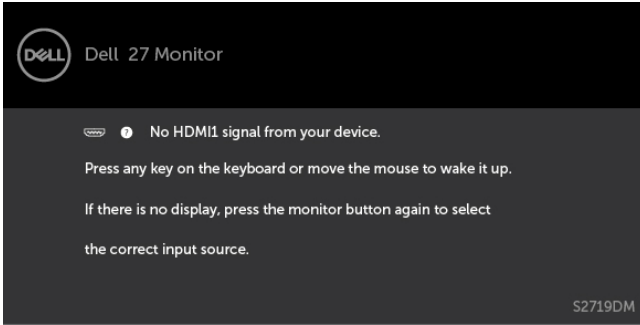
2 Press any of the menu key to enter the input source select menu.
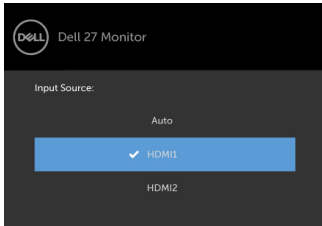
3 Use the ⌃ and ⌄ buttons to select to the current HDMI port, then press ✓ button and hold 8 seconds to enter the HDMI 1.4 failsafe dialog.

4 Press ✓ to enable the HDMI version 1.4 .
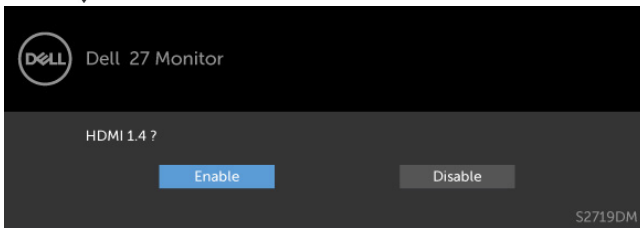
Common Problems

The following table contains general information about common monitor problems you might encounter and the possible solutions:

Common Symptoms	What You Experience	Possible Solutions
No Video/Power LED off	No picture	• Ensure that the video cable connecting the monitor and the computer is properly connected and secure. • Verify that the power outlet is functioning properly using any other electrical equipment. • Ensure that the power button is depressed fully. • Ensure that the correct input source is selected in the Input Source menu.
No Video/Power LED on	No picture or no brightness	• Increase brightness & contrast controls via OSD. • Perform monitor self-test feature check. • Check for bent or broken pins in the video cable connector. • Run the built-in diagnostics. • Ensure that the correct input source is selected in the Input Source menu.
Missing Pixels	LCD screen has spots	• Cycle power on-off. • Pixel that is permanently off is a natural defect that canoccur in LCD technology. • For more information on Dell Monitor Quality and Pixel Policy, see Dell Support site at: http://www.dell.com/support/monitors.
Stuck-on Pixels	LCD screen has bright spots	• Cycle power On-Off. • Pixel that is permanently off is a natural defect that canoccur in LCD technology. • For more information on Dell Monitor Quality and PixelPolicy, see Dell Support site at: http://www.dell.com/support/monitors.
Brightness Problems	Picture too dim or too bright	• Reset the monitor to factory settings. • Adjust brightness & contrast controls via OSD.
Safety Related Issues	Visible signs of smoke or sparks	• Do not perform any troubleshooting steps. • Contact Dell immediately.
Intermittent Problems	Monitor malfunctions on & off	• Ensure that the video cable connecting the monitor to the computer is connected properly and is secure. • Reset the monitor to factory settings. • Perform monitor self-test feature check to determine if the intermittent problem occurs in self-test mode.

Common Symptoms	What You Experience	Possible Solutions
HDR Problems	Cannot set GFX solution into HDR mode after switching into Desktop/Movie HDR/Game HDR/Reference Presets	• Ensure the Personal Computer (PC) or graphics solution meets minimum requirement for HDR playback and install the latest software drivers for the Graphics card. • Ensure that the inbox HDMI 2.0 cable that comes with the package is used. • If the above steps fail, choose the resolution 3840 x 2160 from the Display Properties to force the proper HDR signaling.
Missing Color	Picture missing color	• Perform monitor self-test. • Ensure that the video cable connecting the monitor to the computer is connected properly and is secure. • Check for bent or broken pins in the video cable connector.
Wrong Color	Picture color not good	• Change the settings of the **Preset Modes** in the **Color** menu OSD depending on the application. • Adjust R/G/B value under **Custom**. **Color** in **Color** menu OSD. • Change the **Input Color Format** to PC RGB or YPbPr in the **Color** menu OSD. • Run the built-in diagnostics.
Image retention from a static image left on the monitor for a long period of time	Faint shadow from the static image displayed appears on the screen	• Use the Power Management feature to turn off the monitor at all times when not in use (for more information, see Power Management Modes). • Alternatively, use a dynamically changing screensaver.

Product Specific Problems

Specific Symptoms	What You Experience	Possible Solutions
Screen image is too small	Image is centered on screen, but does not fill entire viewing area	• Check the **Aspect Ratio** setting in the **Display** menu OSD. • Reset the monitor to factory settings.
Cannot adjust the monitor with the buttons on the front panel	OSD does not appear on the screen	• Turn off the monitor, unplug the monitor power cable, plug it back, and then turn on the monitor.
No Input Signal when user controls are pressed	No picture, the LED light is white	• Check the signal source. Ensure the computer is not in the power saving mode by moving the mouse or pressing any key on the keyboard. • Check whether the signal cable is plugged in properly. Re-plug the signal cable if necessary. • Reset the computer or video player.
The picture does not fill the entire screen	The picture cannot fill the height or width of the screen	• Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen. • Run the built-in diagnostics.

Appendix

Safety Instructions

For displays with glossy bezels the user should consider the placement of the display as the bezel may cause disturbing reflections from surrounding light and bright surfaces.

⚠ **WARNING: Use of controls, adjustments, or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards, and/or mechanical hazards.**

For information on safety instructions, see the Safety, Environmental, and Regulatory Information (SERI).

FCC Notices (U.S. only) and Other Regulatory Information

For FCC notices and other regulatory information, see the regulatory compliance website located at www.dell.com/regulatory_compliance.

Contacting Dell

📝 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area.

To get online Monitor support content:

See www.dell.com/support/monitors.

To contact Dell for sales, technical support, or customer service issues:

1   Go to www.dell.com/support.
2   Verify your country or region in the Choose A Country/Region drop-down menu at the top-left corner of the page.
3   Click **Contact Us** next to the country dropdown.
4   Select the appropriate service or support link based on your need.
5   Choose the method of contacting Dell that is convenient for you.

Setting Up Your Monitor

NOTE: When all conditions meeting HDR output are satisfied,the maximum input resolution to 3840 x 2160 can be supported.

Setting Display Resolution to 2560 x 1440

For best performance, set the display resolution to 2560 x 1440 pixels by performing the following steps:

In Windows Vista, Windows 7, Windows 8 or Windows 8.1:

1 For Windows 8 or Windows 8.1 only, select the Desktop tile to switch to classic desktop.

2 Right-click on the desktop and click **Screen Resolution**.

3 Click the Dropdown list of the Screen Resolution and select 2560 x 1440.

4 Click **OK**.

In Windows 10:

1 Right-click on the desktop and click **Display Settings**.

2 Click **Advanced display settings**.

3 Click the dropdown list of **Resolution** and select 2560 x 1440.

4 Click **Apply**.

If you do not see the recommended resolution as an option, you may need to update your graphics driver. Please choose the scenario below that best describes the computer system you are using, and follow the given steps.

Dell computer

1 Go to www.dell.com/support, enter your service tag, and download the latest driver for your graphics card.

2 After installing the drivers for your graphics adapter, attempt to set the resolution to 2560 x 1440 again.

NOTE: If you are unable to set the resolution to 2560 x 1440, please contact Dell to inquire about a graphics adapter that supports these resolutions.

Non-Dell computer

In Windows Vista, Windows 7, Windows 8 or Windows 8.1:

1   For Windows 8 or Windows 8.1 only, select the Desktop tile to switch to classic desktop.
2   Right-click on the desktop and click Personalization.
3   Click Change Display Settings.
4   Click Advanced Settings.
5   Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, AMD, Intel etc.).
6   Refer to the graphic card provider website for updated driver (for example, http://www.AMD.com or http://www.NVIDIA.com).
7   After installing the drivers for your graphics adapter, attempt to set the resolution to 2560 x 1440 again.

In Windows 10:

1   Right-click on the desktop and click Display Settings.
2   Click Advanced display settings.
3   Click Display adapter properties.
4   Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, AMD, Intel etc.).
5   Refer to the graphic card provider website for updated driver (for example, http://www.AMD.com or http://www.NVIDIA.com).
6   After installing the drivers for your graphics adapter, attempt to set the resolution to 2560 x 1440 again.

NOTE: If you are unable to set the recommended resolution, please contact the manufacturer of your computer or consider purchasing a graphics adapter that supports the video resolution.

Maintenance Guidelines

Cleaning Your Monitor

⚠ **WARNING: Before cleaning the monitor, unplug the monitor power cable from the electrical outlet.**

⚠ **CAUTION: Read and follow the Safety Instructions before cleaning the monitor.**

For best practices, follow these instructions in the list below while unpacking, cleaning, or handling your monitor:

- To clean your anti-static screen, lightly dampen a soft, clean cloth with water. If possible, use a special screen-cleaning tissue or solution suitable for the anti-static coating. Do not use benzene, thinner, ammonia, abrasive cleaners, or compressed air.
- Use a lightly-dampened, soft cloth to clean the monitor. Avoid using detergent of any kind as some detergents leave a milky film on the monitor.
- If you notice white powder when you unpack your monitor, wipe it off with a cloth.
- Handle your monitor with care as a darker-colored monitor may get scratched and show white scuff marks more than a lighter- colored monitor.
- To help maintain the best image quality on your monitor, use a dynamically changing screen saver and turn off your monitor when not in use.