Ultra HD 4K Monitor 27BL55U-B

27" class (27" Diag)

Images on screen are simulated

BREATHTAKING CLARITY AND TRUE-TO-LIFE COLOR IN A 4K ULTRA HD MONITOR

The 27BL55U-B IPS monitor produces color-calibrated images with 98% coverage of the sRGB color space. This monitor is supported by LG's beautiful arcline stand that has height, pivot and tilt adjustability for setup convenience and ease of use.

ULTRA HD **4K** 3840 × 2160 | IPS | OnScreen Control | Reader Mode | Black Stabilizer | Dual Controller | Flicker Safe

KEY FEATURES

IPS ON 4K
- IPS on 4K minimizes color shift and delivers detailed, accurate images and consistent colors from edge-to-edge and from virtually any angle.

FREE SYNC
- With FreeSync*, power users can experience seamless, fluid movement throughout hi-res, fast-paced games.

  *FreeSync is only available when the display is connected to Display Port.

BLACK STABILIZER
- Black Stabilizer allows designers to have better visibility, revealing superior detail in very dark or very light scenes.

HDMI 4K@60HZ
- 4K@60hz thru HDMI interface provides users can fully enjoy the

SPECIFICATIONS

Native Display Resolution: 3840 x 2160

Contrast Ratio: 1000:1

5MS (G to G) **Response Time**

Vesa™ Compliant Wall Mountable

3-Year Limited Warranty: Parts/Labor/Backlight

TAA Compliant

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VIDEOGRAPHY | GRAPHIC DESIGN | PHOTOGRAPHY

ULTRA HD 4K ON AN IPS DISPLAY

When IPS meets 4K, the result is even more amazing than they are on their own. The 27BL55U-B's Ultra HD IPS Display offers much better color reproduction compared to TN panels, providing incredible viewing angles and great color consistency over the entire screen. With a 4K IPS monitor, designers can enjoy seamless viewing for an ultimate immersive gaming experience. Furthermore, the 27BL55U-B in 3840x2160 Ultra HD resolution provides increased clarity, sharper texture, more details, and a large amount of on-screen "real estate" for viewing multiple applications at one time.

FLICKER SAFE AND READER MODES

Did you know that your eyes are affected by flickers on the monitor while you may not have seen them? Over time, working, gaming and movie viewing can cause eye strain and fatigue. Flicker Safe reduces on-screen flickers, which helps minimize eye strain and eye fatigue. By combining Flicker Safe with the proven picture quality of IPS technology, users can comfortably work throughout the day.

FREESYNC TECHNOLOGY

The 27BL55U-B features built-in FreeSync* Technology. FreeSync technology by AMD eliminates the tearing that can occur in videos, games and applications with the highest visual settings, caused by the difference between a graphic card's frame rate and a monitor's refresh rate. FreeSync eliminates tearing and stuttering that can occur because of differences between a graphic card's frame rate and a monitor's refresh rate.

BLACK STABILIZER

The Black Stabilizer allows designers to have better visibility, even in deep-dark scenes or too-light scenes. It lets you have better strategy by enabling you to see if there is an enemy or object waiting to interrupt you in the darkest area. Plus, there is no more worry when facing a bright area, such as a flash bang attack; the Black Stabilizer effect minimizes visually-compromised areas on the screen during the flash bang.

CUSTOMIZED WORKSPACES FOR MULTITASKING

Screen Split* divides the display into multiple sections for different tasks by resizing the windows on the screen. Its advanced options have expanded to include 4 types of Picture-in-Picture(PIP) Mode among 14 options. With PIP Mode you can work on the main screen while watching a video in a smaller window floating on the screen.
*Screen Split software runs on Windows Vista/7/8 and Mac OS

ON-SCREEN CONTROL

OnScreen Control allows you to modify your screen configuration by a few clicks without forcing physical buttons built in monitor. My Display Presets offers customized picture mode for specific software. It has automatically applied to picture mode you already preset. You don't need to select the picture mode each time.

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PANEL	Model	27BL55U-B
	Size (Inch)	27
	Resolution	3840 x 2160
	Panel Type	IPS
	Aspect Ratio	16:9
	Pixel Pitch	0.1554mm x 0.1554mm
	Brightness (Min.)	240 nits
	Brightness (Typ.)	300 nits
	Color Gamut (Typ.)	sRGB 98% (CIE1931)
	Color Depth (Number of Colors)	1.07B
	Contrast Ratio (Min.)	700:1
	Contrast Ratio (Typ.)	1000:1
	Response Time	5ms (GtG at Faster)
	Viewing Angle (CR 10)	178 (R/L), 178 (U/D)
	Surface Treatment	Anti-Glare 3H
SPECIAL FEATURES	HDR10	YES
	HDR Effect	YES
	Color Calibrated	YES
	Flicker safe	YES
	Picture Mode	(Non HDR Contents) Custom, Vivid ,HDR Effect, Reader, Cinema, FPS, RTS,Color Weakness, EBU, REC709, SMPTE-C — (HDR Contents) Custom, Vivid, Standard, Cinema, FPS, RTS
	Reader Mode	YES
	Color Weakness	YES
	Super Resolution +	YES
	RADEON FreeSync™	YES
	Black Stabilizer	YES
	Dynamic Action Sync	YES
	Smart Energy Saving	YES
	Dual Controller	YES
	OnScreen Control (LG Screen Manager)	YES
	HDMI	YES - Version 2.0 (2ea)
	HDMI (Max. Resolution at Hz)	3840 x 2160 @60Hz
	Display Port	YES - Version 1.4 (1ea)
	DP (Max. Resolution at Hz)	3840 x 2160 @60Hz
	Headphone out	YES

ELECTRICAL	Model	27BL55U-B
	Type	Adapter
	AC Input	100-240Vac, 50/60Hz
	DC Output	40W (19V, 2.53A)
	Power Consumption (Typ.)	36W
	Power Consumption (Max)	41W
	Power Consumption (Energy Star)	26W
	Power Consumption (Sleep Mode)	Less than 0.5W
	Power Consumption (DC Off)	Less than 0.3W
MECHANICAL	Display Position Adjustments	Tilt/Height/Pivot
	Wall Mountable	100 x 100 mm
	Dimension with Stand (W x H x D)	24.5" x 22.5"(Up)/18.2"(Down) x 9.1" / 622.6 x 572.2(Up)/462.2(Down) x 230 mm
	Dimension without Stand (W x H x D)	24.5" x 14.6" x 1.8" / 622.6 x 371 x 45.8 mm
	Dimension in Shipping (W x H x D)	27.7" x 20.4" x 7.6" / 704 x 518 x 192 mm
	Weight with Stand	13.3 lbs / 6.0 Kg
	Weight without Stand	9.7 lbs / 4.4 Kg
	Weight in Shipping	18.9 lbs / 8.6 Kg
STANDARD	EPA	YES - 7.0
	CB	YES
	UL (cUL)	YES
	FCC-B	YES
	EPEAT	Silver
	ErP	YES
	CE	YES
	ROHS, REACH	YES
ACCESSORY	Adapter	Black
	Power Cord	Black / 5 ft (1.5m)
	Display Port	Black / 6 ft (1.8m)
OTHER	Limited Warranty	3 Year Parts and Labor
	UPC	

ULTRA HD 4K 3840 x 2160   IPS   OnScreen Control   Reader Mode   Black Stabilizer   Dual Controller   Flicker Safe

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