



# ALL THE WAY GRAPHIC WORK

ColorPrime Monitor **MB85**







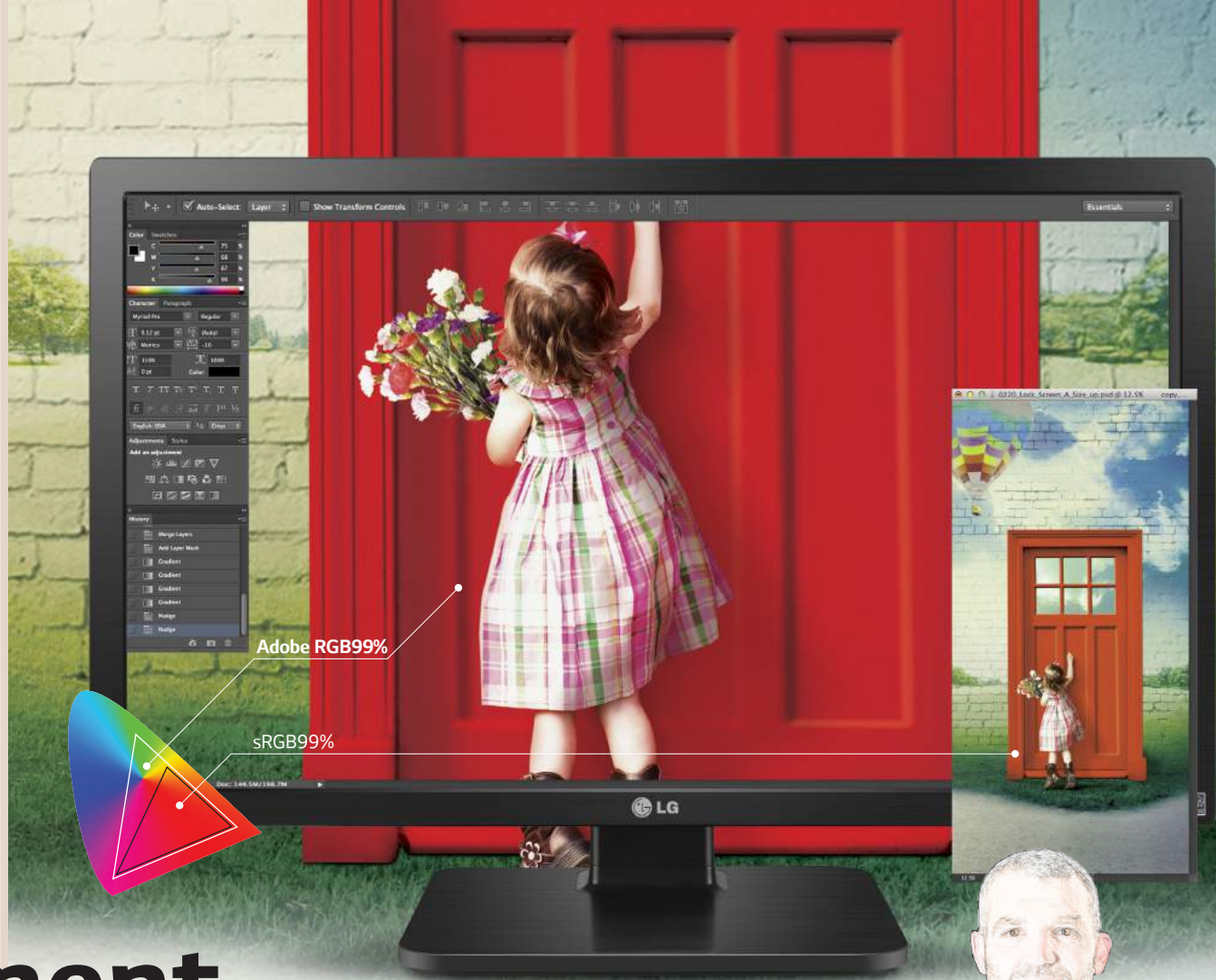
# A new ColorPrime Monitor

## 27MB85

A device for a true professional user.  
Provides total color management with Software,  
Hardware Calibration and  
Adobe RGB's color space and 10 bit color depth .

# Total color management

MB85 supports AdobeRGB over 99% color space as well as 10 bit color depth and accuracy. Prevents gaps in color space and expressions between the original photo shot images, monitor screen and the printed result.  
(\*\*\*MB85R model supporting sRGB 99% over) Adobe RGB99%!



## [Voice of **photographer**]

"...In that case, it makes me bother that color tones are slightly different between monitor and origin image..."



# Multi-calibration function

MB85 itself is equipped with a built-in Scaler and True Color Pro software to directly adjust the color settings to a user defined set point, the photographers can enjoy the color expression without experiencing color degradation and color distortion.



Printed Output



Picture on MB85Zs display



Original picture on DSLR



Same color expression via MB85Zs Calibration function



[Voice of designer]

"...The monitor calibration function is really limited and unreliable, so I calibrate using other external products such as spider..."





MB85 has a pivot function that enables to photographer rotate origin pictures up to 90 degrees depending on the ratio of the work space. They do not have to reduce size of image, or drag and scroll the vertically long image all the way down any more.

# How to create the best output



## [Voice of designer]

"...This way, the user does not need to constantly change the ratio of the workspaces."



# Plus Tip. Get the Thunderbolt™

Thunderbolt™ of MB85 is a revolutionary cable technology that simultaneously supports high-resolution displays and high-performance data devices through a single, compact port. Especially for video editors or photographers, MB85's Thunderbolt™ 2 technology gives the advantage of faster transfer speeds up to 20 Gbps and easier expand computing capability by connecting up to six devices via simple daisy-chain configuration.



**Thunderbolt™ 2 = USB 3.0 x 4 times faster!**

Thunderbolt™ 2 20 Gbps

USB 3.0 5 Gbps

**[Voice of film editor]**

"we prefer Final Cut Pro, which is for Mac OS only. That's why the Mac Pro® is a "must-have" equipment in the video editing industry.

That's also the reason why we use Thunderbolt display monitors."





# World best picture quality of WQHD resolution for professional

MB85 keeps the ColorPrime series alive!  
As a series of ColorPrime and as a follow-up model of 27EA83, the "Best Photo Monitor 2013" of TIPA Award, MB85 proudly presents a new level of viewing pleasure with 2560x1440 WQHD resolution over IPS's outstanding picture quality.

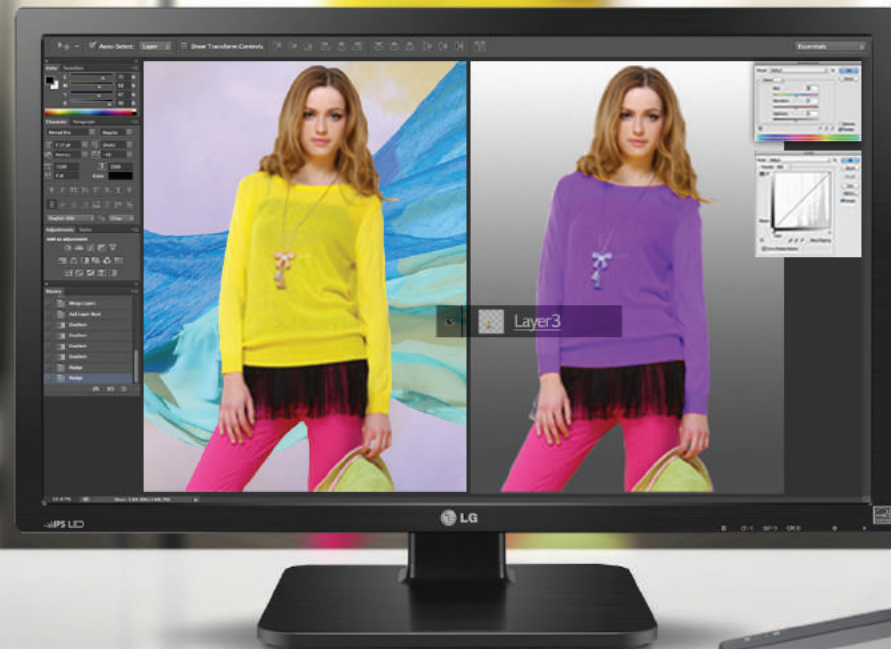
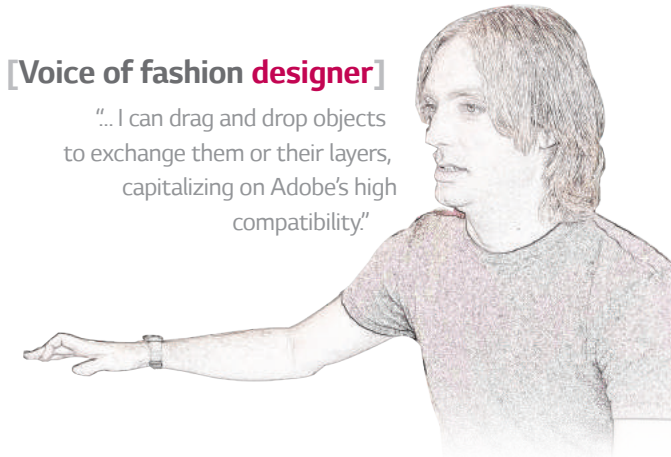


**WQHD = 1.7 x Full HD**

WQHD	2560x1440 = 3,680,000
Full HD	1920x1080 = 2,070,000
HD	1280x720 = 920,000

[Voice of fashion designer]

"... I can drag and drop objects to exchange them or their layers, capitalizing on Adobe's high compatibility!"

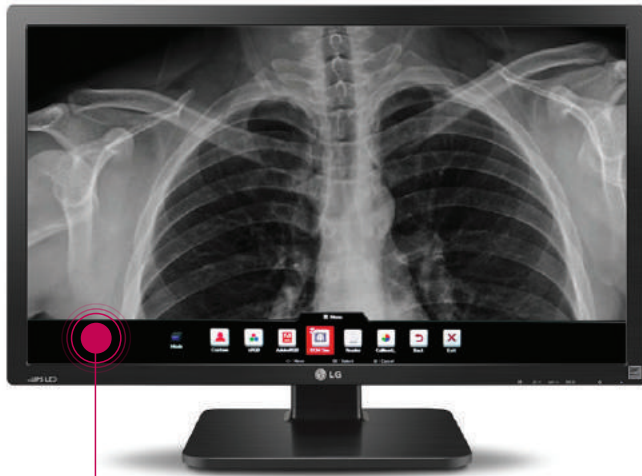


# Specialized 'GAMMA' color value

MB85 supports DICOM Simulation preset and also the True Color Pro calibration SW supports DICOM correction. Therefore user can calibrate the display according to the DICOM gamma standards whenever they want. This enables MB85Z to display medical images with accuracy and clarity.

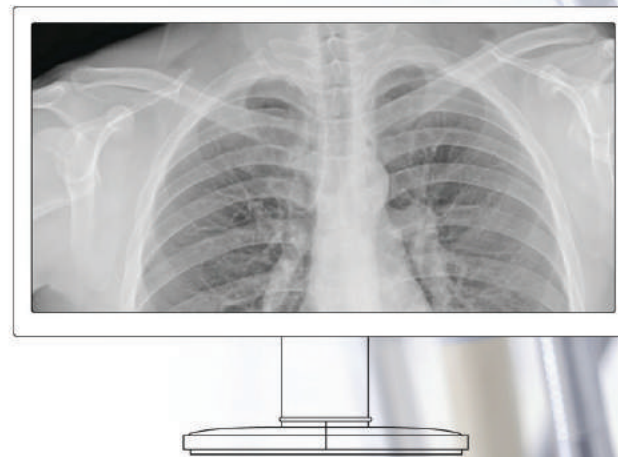
\* MB85 is not a medical-certified equipment and cannot be used for diagonal purpose.

MB85Z : Use the DICOM Simulation preset

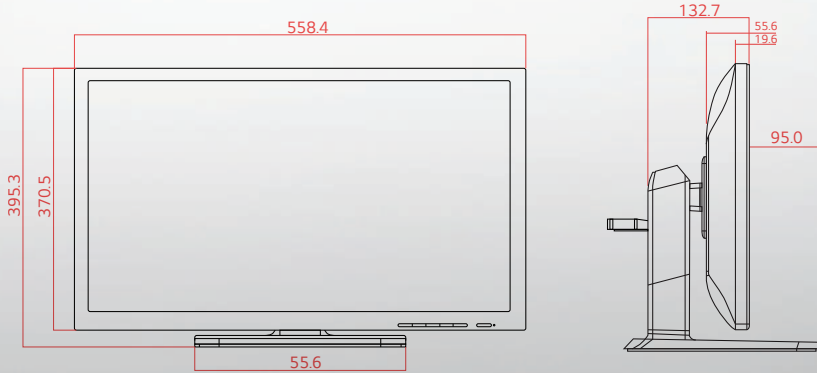


Selective color mode UI\*

Conventional display



# Design



Wall Mount: VESA Compatible (100mmx100mm)

# Specification

## 27MB85



	MB85		Remark
Inch	27		
Variation	27MB85Z	27MB85R	
Resolution	2560x1440	<	
Display, BLU	LED, IPS	<	
Brightness	350nits	<	
Color Gamut	AdobeRGB 99%	sRGB over 99%	
Contrast Ratio	1000:1 (Static)		
Viewing Angle	178 / 178	<	
Response Time (GTG)	5ms		
Control Key	Touch Type ( 5 Key : Menu, MODE/<, SES/>, OK, Power)		
Interface	Thunderbolt x 2, DVI-D dual link x 1, Display Port x 1, HDMI x 1, USB3.0(1up 3down), Audio out	Mini DP x 1, DVI-D dual link x 1 Display Port x 1, HDMI x1 USB3.0(1up 3down), Audio out	Thunder bolt x 2 (MB85Z only) Mini DP (MB85R only)
VESA	Yes : 100mm*100mm		
Power	Power Built-in		
	Tilt (-5° ~ +35°)	<	
Stand	Height Range 130mm Pivot / Tilt / Swivel	<	
Feature	H/W Calibration Color Calibrated (Delta E<2) PBP / PIP / DICOM / Reader / Calibration Mode / SES / Flicker Safe		DICOM for clinical review application
Accessories	DP cable, DVI-D dual, USB3.0 up cable, Power Cable, True Color Pro (Calibration Software) Calibrator (Optional)	DP cable, DVI-D dual, USB3.0 up cable, Power Cable, True Color Finder (Calibration Software)	