



* All images in this datasheet are for illustrative purposes only.

Video Wall 49VL5G-M

Incredible Immersion with Excellent Value



TAA
Compliant



Wide
Viewing Angle



Easy Color
Adjustment



Efficient
Operation

DELIVERING AN INCREDIBLE IMMERSIVE EXPERIENCE



Combining Immersive Video Walls with Excellent Value

These 49" IPS displays create a digital video wall that can display dynamic content in stunning detail that will immerse viewers and captivate the attention of passersby.



Image Gap Reduction

The VL5G-M series employs a sophisticated image improvement algorithm that effectively reduces the image gap between the tiled displays by adjusting the objects located on the bezel boundaries to create a virtually seamless viewing experience.

* The "LG Conventional" refers to displays which do not include an image improvement algorithm.

VIVID, DYNAMIC PICTURE QUALITY

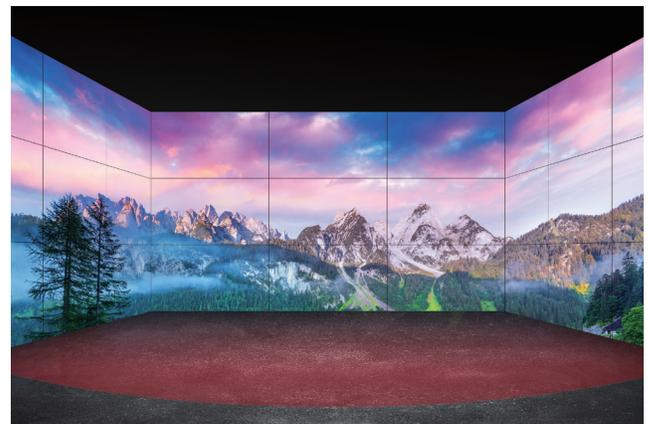


40° High Viewing Angle*

Higher Vertical Viewing Angle

Because large video wall displays are often positioned above conventional human-eye level, it is critical to maintain the uniform picture quality seen at eye level. The expanded vertical viewing angle of the VL5G-M series achieves this goal, displaying content in vivid color throughout the screen with virtually no distortion.

* Results based on in-house testing. Actual test results may differ depending on environment and measuring equipment.

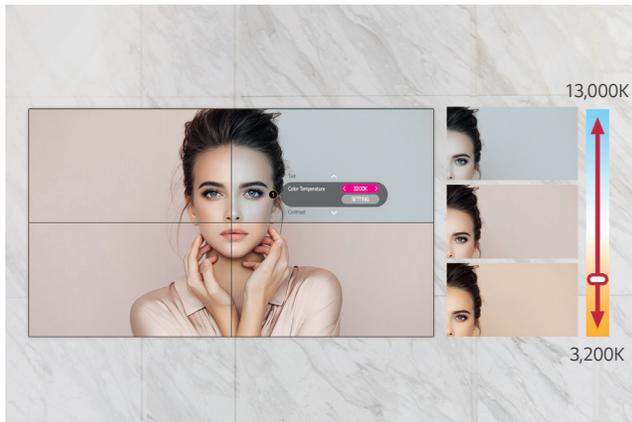


Wide Horizontal Viewing Angle

LG's advanced IPS panel technology is heralded for its ability to control the liquid crystals better and deliver a wide viewing angle. The VL5G-M series displays feature a wide 178° horizontal viewing angle that minimizes off-axis viewing color distortion, delivering immersive images to viewers regardless of their positioning to the display.

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USER CONVENIENCE



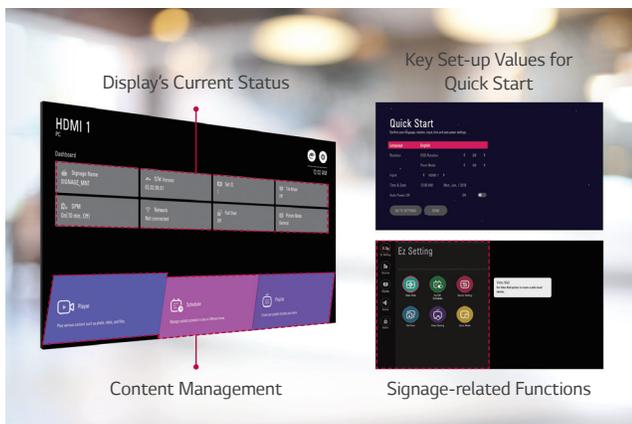
Convenient Remote Color Adjustment

Depending on the content, the display's color temperature can be easily adjusted in increments of 100K using a convenient remote control.



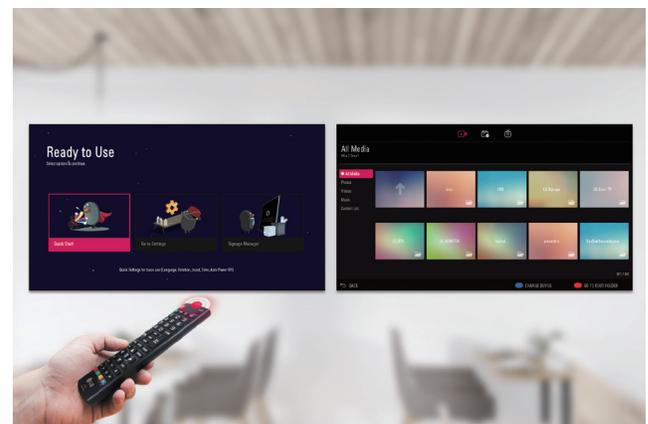
White Balance Adjustment

Rather than adjusting the display's white balance solely in "full-white" mode, the VL5G-M series allows you to modify each grey scale value to achieve a more detailed, precise white balance adjustment.



User-Friendly Menu Structure

The advanced user menu is optimized for commercial use, simplifying flows and grouping similar functions together. This intuitive design avoids the "trial and error" approach to managing displays and their operations.



Intuitive User Interface

The intuitive interface features a four-way navigation remote control that allows users to easily switch from setting to setting. A large font provides better visibility, a significant advantage when users control the displays from a distance.

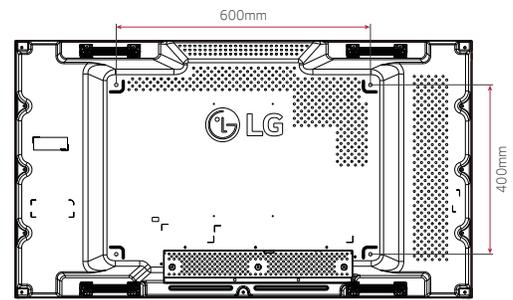
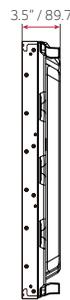
PRODUCT INFORMATION



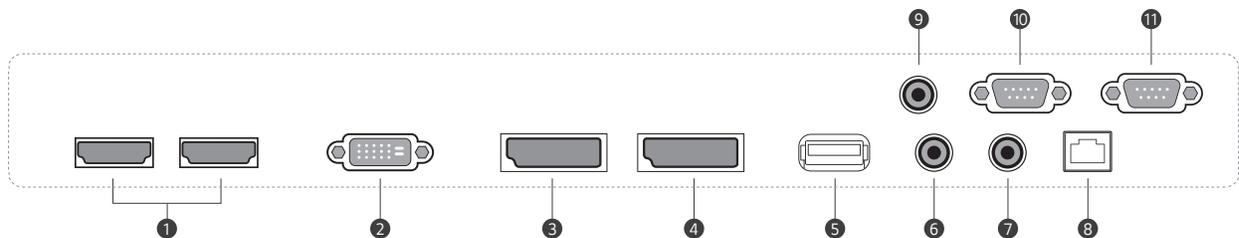
49VL5G-M

Screen Size	49"
Aspect Ratio	16:9
Native Resolution	FHD (1920 × 1080)
Brightness	500 nits
Contrast Ratio	1000:1
Bezel Gap (total)	3.5mm Bezel-to-Bezel

DIMENSIONS



CONNECTIVITY



① HDMI IN

② DVI-D IN

③ DP IN

④ DP OUT

⑤ USB 2.0 IN

⑥ AUDIO IN

⑦ AUDIO OUT

⑧ LAN IN

⑨ IR IN

⑩ RS-232C IN

⑪ RS-232C OUT

* Dimensions & Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.



SPECIFICATIONS*

	MODEL	49VL5G-M	
DISPLAY	Size	49"	
	Panel Technology	IPS	
	Back Light Type	Direct	
	Aspect Ratio	16:9	
	Resolution	1920 x 1080 (FHD)	
	Refresh Rate	60Hz	
	Brightness	500 nits	
	Contrast Ratio	1000:1	
	Dynamic CR	500,000:1	
	Color gamut	NTSC 72%	
	Viewing Angle (H x V)	178 x 178	
	Color Depth	10bit, 1.07Billion colors	
	Response Time (G to G)	8ms	
	Surface Treatment (Haze)	3%	
INTERFACES	Life time	60,000 Hours (Typ.) / 50,000 Hours (Min.)	
	Operation Hours (Hours/Day)	24/7	
	Portrait / Landscape	Yes / Yes	
	HDMI	Yes (2), HDCP1.4	
	DP	Yes (1), HDCP1.3	
	DVI-D	Yes (1), HDCP1.4	
	Audio In	Yes (1)	
	RS232C IN	Yes (1)	
	RJ45 (LAN)	Yes (1)	
	IR IN	Yes (1)	
	USB	USB2.0 Type A(1)	
	DP Out	Yes (HDCP)	
	Audio Out	Yes (1)	
	RS232C OUT	Yes (1)	
MECHANICAL	Bezel Color	Black	
	Bezel Width	T/R/L/B : 2.25/1.25/2.25/1.25mm	
	Weight	37.3 lbs / 16.9 kg	
	Shipping Weight	64.6 lbs / 29.3 kg	
	Dimensions	42.4 x 23.9 x 3.5 in / 1077.6 x 607.8 x 89.7mm	
	Shipping Dimensions	47.8 x 30.6 x 10.4 in / 1214 x 778 x 263mm	
	Handle	Yes	
	VESA Compatible	600 x 400	
	FEATURES	Temperature Sensor	Yes
		Local Contents Scheduling	Yes
USB Plug & Play		Yes	
Fail Over		Yes	
Bootimg Logo Image		Yes	
No Signal Image		Yes	
RS-232C Sync		Yes	
Screen Rotation		Yes	
Tile Mode Setting		Yes (Max. 15x15)	
Setting Data Cloning		Yes	
SNMP		Yes	
ISM Method		Yes	
Auto Set ID		Yes	
Crestron Inside		Yes	
Smart Energy Saving		Yes	
PM mode		Yes	
Wake on LAN		Yes	
HDMI-CEC	Yes		
SI Server Setting	Yes		
W/B Setting by Grey scale	Yes		
Scan Inversion	Yes		
ENVIRONMENTAL	Operation Temperature	32 °F to 104 °F / 0 °C to 40 °C	
	Operation Humidity	10 % to 80 %	
POWER	Power Supply	AC 100-240V~, 50/60Hz	
	Power Type	Built-In Power	
	Power Consumption (Typ)	100 W	
	Power Consumption (Max)	120 W	
	BTU (British Thermal Unit)	341 BTU/Hr (Typ.), 409 BTU/Hr (Max)	
	Smart Energy Saving	60 W	
	DPM	0.5 W	
	Power off	0.5 W	
WARRANTY & OTHER	Safety	CB / NRTL	
	EMC	FCC Class "A" / CE / KC	
	ErP / Energy Star	Yes / Energy Star 8.0 (US Only)	
	SuperSign CMS	Yes	
	SuperSign Control / Control+	Yes / Yes	
	SuperSign WB	Yes	
	SuperSign Media Editor	Yes	
	Signage 365 Care	Yes	
	Language	English, French, German, Spanish, Italian, Korean, Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek, Arabic	
	Accessories	Remote Controller(include battery 2ea), Power Cord, RS232C cable, DP cable, IR Receiver, Guide Bracket, Screws, Manual	
Optional	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V)		
Warranty	-		

* Specifications are subject to change without notice; check with your LG representative prior to purchasing. 49VL5G-M replaces the prior model 49VL5G-A but has only an internal LCM module change. Specifications are the same for both models.