



* All images are for illustrative purposes only.

Video Wall VL5PJ

Artistic Immersion, Overwhelming Captivation



Daisy Chain
Capability



Ultra Narrow
Bezel



Easy Color
Adjustment

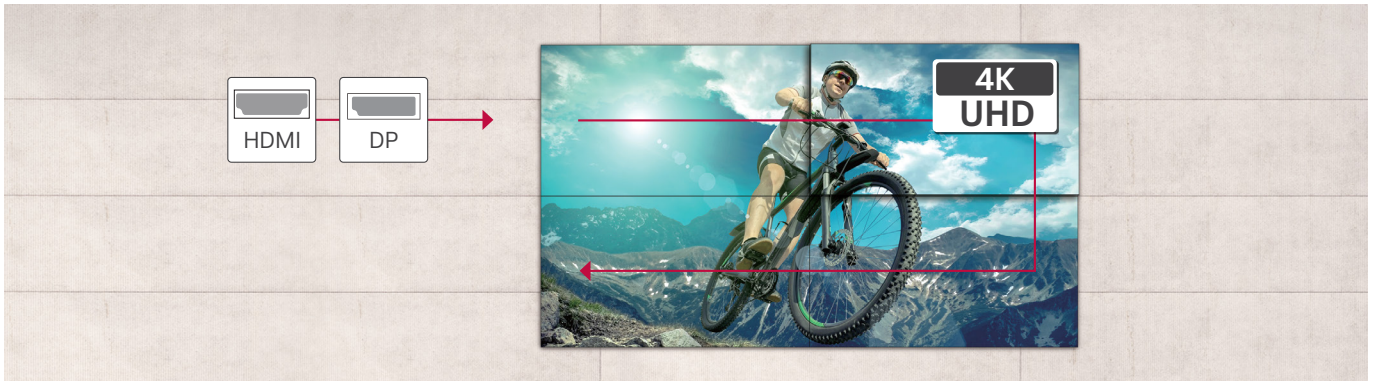


Efficient
Operation

VL5PJ

Screen Size	139.7 cm (55) / 124.46 (49)
Aspect Ratio	16 : 9
Native Resolution	FHD (1,920 × 1,080)
Brightness	500 nits (Typ.)
Contrast Ratio	1,200 : 1 (55) / 1,000 : 1 (49)

Life's Good.



Daisy Chain Capability

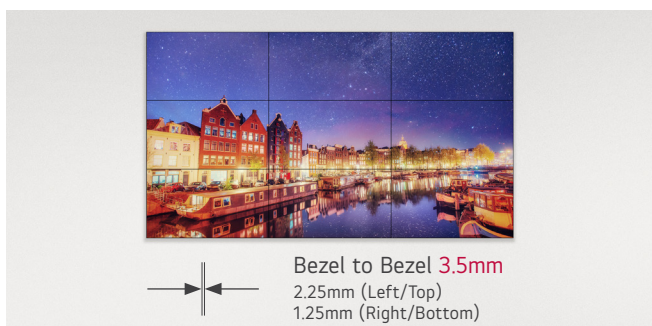
By using this daisy-chained network feature, you can execute commands such as controlling, monitoring and even updating firmware.



Real-Time LG ConnectedCare

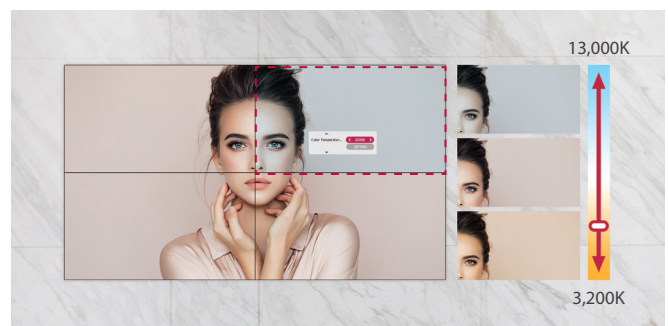
Maintenance is easy and fast with the optional LG ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, enabling the stable operation of clients' businesses.

* LG ConnectedCare is the brand name of LG Signage365Care Service. The availability differs by region.



Ultra Narrow Bezel

The 3.5mm ultra narrow bezel size creates immersive and seamless viewing experiences on assembled video wall screens.



Easy Color Adjustment

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

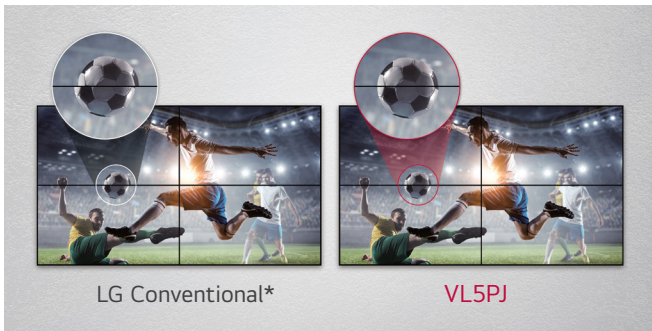


Image Gap Reduction

The VL5PJ includes an image improvement algorithm that can reduce image gaps among tiled displays when playing back videos. Objects located on the bezel boundaries are adjusted for a seamless viewing experience.

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

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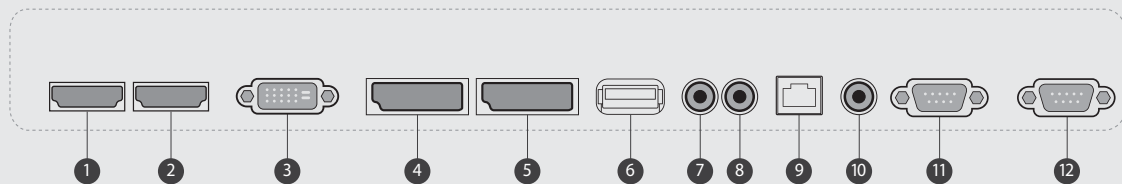
High Performance and Great Scalability

Thanks to its built-in SoC and webOS smart signage platform, the VL5PJ can execute several tasks at once while providing smooth content playback without the need for a media player. As webOS supports HTML5 as a web-based platform and offers SDK (Software Development Kit), it is even easier for SIs to build and optimize their web apps.

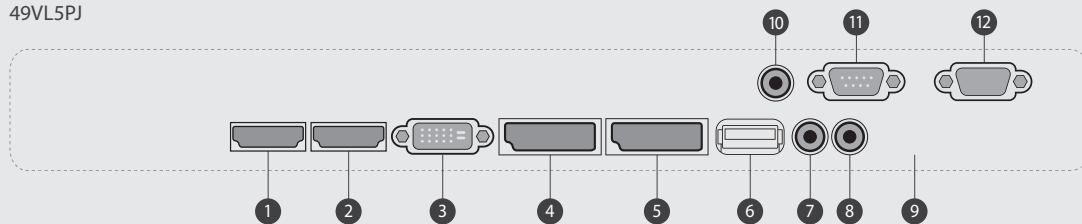
* SDK can be downloaded with the link below.
(<https://webossignage.developer.lge.com>)

CONNECTIVITY

55VL5PJ



49VL5PJ



① HDMI IN 1

② HDMI IN 2

③ DVI-D IN

④ DP IN

⑤ DP OUT

⑥ USB IN

⑦ AUDIO IN

⑧ AUDIO OUT

⑨ LAN IN

⑩ IR IN

⑪ RS-232C IN

⑫ RS-232C OUT

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

Specifications

Model Name		55VL5PJ	49VL5PJ
Display	Screen Size	139.7 cm (55)	124.46 cm (49)
	Panel Technology	IPS	
	Back Light Type	Direct	
	Aspect Ratio	16:9	
	Native Resolution	1,920 x 1,080 (FHD)	
	Refresh Rate	60 Hz	
	Brightness	500 nits (Typ.)	
	Contrast Ratio	1,200:1	1,000:1
	Dynamic CR	500,000:1	
	Color Gamut	NTSC 72%	
	Viewing Angle (H x V)	178 x 178	
	Color Depth (Number of Colors)	10bit, 1.07Billion colors	
	Response Time	8 ms (G to G)	
	Surface Treatment (Haze)	3%	
Connectivity	Life time	60,000 Hrs (Typ.) / 50,000 Hrs (Min.)	
	Operation Hours (Hours / Day)	24 / 7	
	Portrait / Landscape	Yes / Yes	
	HDMI In	Yes (2), HDCP2.2	
	DP In	Yes (1), HDCP2.2	
	DVI-D In	Yes (1), HDCP1.4	
	Audio In	Yes (1)	
	RS232C In	Yes (1)	
	RJ45(LAN) In	Yes (1)	
	IR In	Yes (1)	
	USB In	USB2.0 Type A(1)	
	DP Out	Yes (1), Input : HDMI / DVI / DP	
	Audio Out	Yes (1)	
	RS232C Out	Yes (1)	
Mechanical	Daisy Chain	Yes (Input HDMI, DP, DVI / Output DP)	
	Bezel Color	Black	
	Bezel Width	T/R/L/B : 2.25/1.25/2.25/1.25 mm	
	Weight (Head)	23.5 Kg	17.8 Kg
	Packed Weight	26.9 Kg	21.9 Kg
	Monitor Dimensions (W x H x D)	1213.4 x 684.2 x 93.1 mm	1077.6 x 607.8 x 89.7 mm
	Carton Dimensions (W x H x D)	1353 x 855 x 263 mm	1214 x 778 x 263 mm
Hardware Feature	Handle	Yes	
	VESA™ Standard Mount Interface	600 x 400	
	Internal Memory (eMMC)	8 GB	
Software Feature	Temperature Sensor	Yes	
	Acceleration (Gyro) Sensor	Yes	
	OS Ver. (webOS)	webOS 4.1	
	Local Contents Scheduling	Yes	
	Group Manager	Yes	
	USB Plug & Play	Yes	
	Fail over	Yes	
	No Signal Image	Yes	
	RS232C Sync	Yes	
	Local Network Sync	Yes	
	Video Tag	Yes (4)	
	Play via URL	Yes	
	Screen Rotation	Yes	
	External Input Rotation	Yes	
	Gapless Playback	Yes	
	Tile Mode Setting	Yes (Max. 15 x 15)	
	Setting Data Cloning	Yes	
	SNMP	Yes	
	ISM Method	Yes	
	Auto Set ID	Yes	
	Status Mailing	Yes	
	Control Manager	Yes	
	Crestron Connected	Yes	
	Smart Energy Saving	Yes	
	PM mode	Yes	
	Wake on LAN	Yes	
	Network Ready	Yes	
	HDMI-CEC	Yes	
	SI Server Setting	Yes	
	webRTC	Yes	
	ProIdiom	Yes	
	W/B Setting by Grey scale	Yes	
Environmental Conditions	Scan Inversion	Yes	
	Operation Temperature	0 °C to 40 °C	
	Operation Humidity	10 % to 80 %	
Power	Power Supply	AC 100-240 V~, 50 / 60 Hz	
	Power Type	Built-In Power	
	Typ.	135 W	110 W
	Max.	150 W	120 W
	BTU (British Thermal Unit)	461 BTU/Hr(Typ.), 512 BTU/Hr(Max)	375 BTU/Hr(Typ.), 409 BTU/Hr(Max)
	Smart Energy Saving (70%)	80 W	70 W
	DPM	0.5 W	
Certification	Power off	0.5 W	
	Safety	CB / NRTL	
	EMC	FCC Class "A" / CE / KC	
Software Compatibility	ERP / Energy Star	Yes / Energy Star 8.0	Yes / No
		LG SuperSign CMS, LG SuperSign Control+, LG SuperSign WB, LG ConnectedCare	
Language	OSD	English, French, German, Spanish, Italian, Korean , Chinese(Simplified), Chinese(Original), Portugues(Brazil), Swedish, Finnish, Norwegian, Danish, Japanese, Russian, Portugues(Europe), Dutch, Czech, Greek, Türkçe, Arabic	
Accessory	Basic	Remote Controller (include battery 2ea), Power Cord, RS232C cable, DP cable, IR Receiver, Guide Bracket, Screws, Manual	
Special Feature	IP Rating	IP5X tested	
	Conformal Coating (Power Board)	Yes	

Creative Visualization

*Product Images shown are for representative purpose only. Actual product may vary.

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.