LG | Business Solutions

DYNAMIC SPORTS

OPEN

Video Wall VL5PJ Series

Combining Immersion with Excellent Value

Daisy Chain Capability

Narrow Bezel

Easy Color Adjustment

Efficient Operation

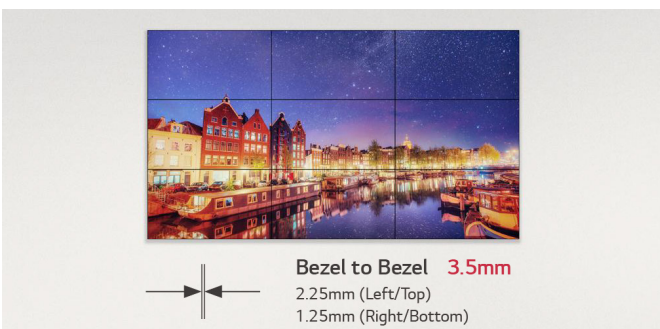| VL5PJ Series	
Screen Size	55" / 49"
Aspect Ratio	16:9
Native Resolution	FHD (1,920 x 1,080)
Brightness	500 nits (Typ.)
Contrast Ratio	1,200:1 (55") / 1,000:1 (49")

Daisy Chain Capability

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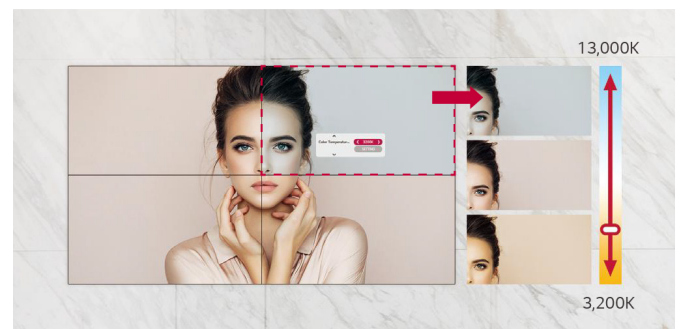

Real-Time LG ConnectedCare

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.

Bezel to Bezel **3.5mm**
2.25mm (Left/Top)
1.25mm (Right/Bottom)

Narrow Bezel

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

13,000K

3,200K

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.
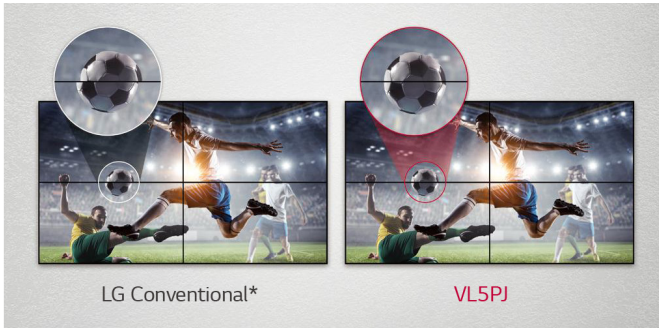
LG Conventional* VL5PJ

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.
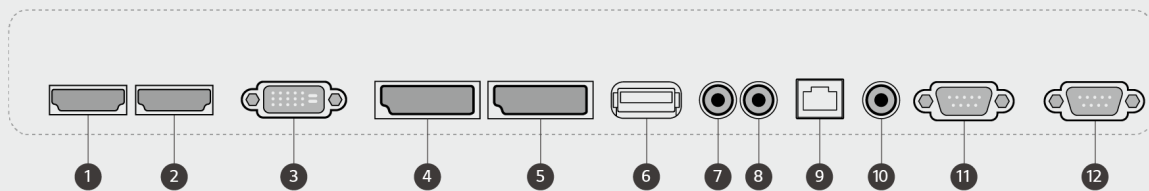
*The "LG Conventional" refers to displays that do not include an image improvement algorithm. The images shown above are for illustration purposes only.
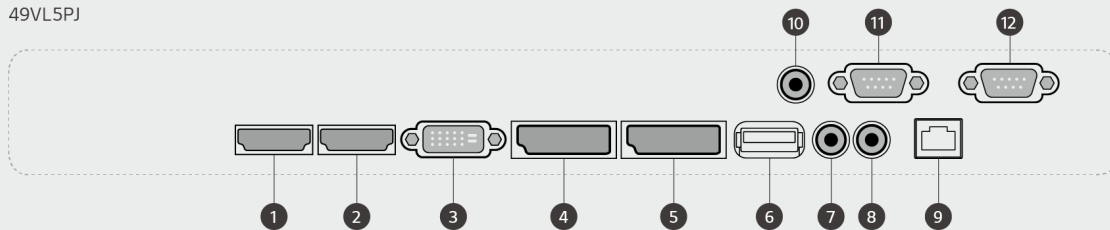

High Performance and Great Scalability

Thanks to its built-in system-on-chip and webOS smart signage platform, VL5PJ series 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 a software development kit (SDK), it is even easier for system integrators to build and optimize custom web apps.

CONNECTIVITY

55VL5PJ

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

49VL5PJ

⑩ ⑪ ⑫

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

❶ HDMI IN 1 ❹ DP IN ❼ AUDIO IN ❿ IR IN
❷ HDMI IN 2 ❺ DP OUT ❽ AUDIO OUT ⓫ RS-232C IN
❸ DVI-D IN ❻ USB IN ❾ LAN INT ⓬ RS-232C OUT

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

SPECIFICATIONS

	Spec Items	55VL5PJ-A	49VL5PJ-A
Panel	Size	55"	49"
	Panel Technology	IPS	IPS
	Back Light Type	Direct	Direct
	Aspect Ratio	16:9	16:9
	Native Resolution	1920 x 1080 (FHD)	1920 x 1080 (Full HD)
	Refresh Rate	60Hz	60Hz
	Brightness (Typ.)	500 nits	500 nits
	Contrast Ratio	1200:1	1000:1
	Dynamic CR	500,000:1	500,000:1
	Color Gamut	NTSC 72%	NTSC 72%
	Viewing Angle (H x V)	178° x 178°	178° x 178°
	Color Depth (Number of Colors)	10 bit, 1.07 Billion colors	10 bit, 1.07 Billion Colors
	Response Time	8ms (G to G)	8 ms
	Surface Treatment (Haze)	3%	3%
	Lifetime*	60,000 Hours (Typ.)	60,000Hrs (Typ.)
	Operation Hours (Hours/Day)	24/7	24/7
	Portait / Landscape	Yes / Yes	Yes / Yes
Connectivity	HDMI In	Yes (x2), HDCP2.2	Yes (x2), HDCP2.2
	DP In	Yes (x1), HDCP2.2	Yes (x1), HDCP2.2
	DVI-D In	Yes (x1), HDCP1.4	Yes (x1), HDCP1.4
	Audio In	Yes (x1)	Yes (x1)
	RS232C In	Yes (x1)	Yes (x1)
	RJ45(LAN) In	Yes (x1)	Yes (x1)
	IR In	Yes (x1)	Yes (x1)
	USB In	USB2.0 Type A (x1)	USB2.0 Type A (x1)
	DP Out	Yes (Input: HDMI / DVI / DP)	Yes (Input: HDMI / DVI / DP)
	Audio Out	Yes (x1)	Yes (x1)
	RS232C Out	Yes (x1)	Yes (x1)
	Daisy Chain	Yes (Input HDMI, DP, DVI / Output DP)	Yes (Input: HDMI, DP, DVI / Output: DP)
Mechanical	Bezel Color	Black	Black
	Bezel Width	T/R/L/B: 2.25 / 1.25 / 2.25 / 1.25 mm	T/R/L/B: 2.25 / 1.25 / 2.25 / 1.25 mm
	Weight	51.8 lbs. / 23.5 kg	39.2 lbs. / 17.8 kg
	Shipping Weight	59.3 lbs. / 26.9 kg	48.3 lbs. / 21.9 kg
	Monitor Dimensions (W x H x D)	47.8 x 26.9 x 3.7 in. 1213.4 x 684.2 x 93.1 mm	42.4 x 23.9 x 3.5 in. 1077.6 x 607.8 x 89.7 mm
	Shipping Dimensions (W x H x D)	53.3 x 33.7 x 10.4 in. 1353 x 855 x 263 mm	47.8 x 30.6 x 10.4 in. 1214 x 778 x 263 mm
	Handle	Yes	Yes
	VESA™ Standard Mount Interface	600 x 400	600 x 400
Hardware Features	Internal Memory (eMMC)	8GB	8GB
	Temperature Sensor	Yes	Yes
	Acceleration(Gyro) Sensor	Yes	Yes
Electrical	Power Supply	100-240 Vac, 50/60Hz	100-240 Vac, 50/60Hz
	Power Type	Built-In Power	Built-In Power
	Typ.	135W	110W
	Max.	150W	120W
	BTU (British Thermal Unit)	461 BTU/Hr (Typ.), 512 BTU/Hr (Max)	375 BTU/Hr (Typ.), 409 BTU/Hr (Max)
	Smart Enegy Saving (70%)	80 W	70 W
	DPM	0.5 W	0.5 W
	Power off	0.5 W	0.5 W
Regulatory & Certifications	Safety	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE	FCC Class "A" / CE
	ERP / Energy Star	Yes / Energy Star 8.0	Yes / Energy Star 8.0

Spec Items		55VL5PJ-A	49VL5PJ-A
Software Features	OS Ver. (webOS)	webOS 4.1	webOS 4.1
	Local Contents Scheduling	Yes	Yes
	Group Manager	Yes	Yes
	USB Plug & Play	Yes	Yes
	Fail over	Yes	Yes
	No Signal Image	Yes	Yes
	RS232C Sync	Yes	Yes
	Local Network Sync	Yes	Yes
	Video Tag	Yes (x4)	Yes (x4)
	Play via URL	Yes	Yes
	Screen Rotation	Yes	Yes
	External Input Rotation	Yes	Yes
	Gapless Playback	Yes	Yes
	Tile Mode Setting	Yes (Max. 15x15)	Yes (Max. 15x15)
	Setting Data Cloning	Yes	Yes
	SNMP	Yes	Yes
	ISM Method	Yes	Yes
	Auto Set ID	Yes	Yes
	Status Mailing	Yes	Yes
	Control Manager	Yes	Yes
	Cisco Certification	No	No
	Crestron Connected	Yes	Yes
	Smart Energy Saving	Yes	Yes
	PM mode	Yes	Yes
	Wake on LAN	Yes	Yes
	Network Ready	Yes	Yes
	HDMI-CEC	Yes	Yes
	SI Server Setting	Yes	Yes
	webRTC	Yes	Yes
	Pro:Idiom	Yes	Yes
	W/B Setting by Grey scale	Yes	Yes
	Scan Inversion	Yes	Yes
Operating Environment	Operation Temperature	32°F to 104°F / 0°C to 40°C	32°F to 104°F / 0°C to 40°C
	Operation Humidity	10 % to 80 %	10 % to 80 %
	IP Rating	IP5X tested	IP5X tested
	Conformal Coating (Power Board)	Yes	Yes
LG Software Compatibility	SuperSign CMS	Yes	Yes
	SuperSign Control+	Yes	Yes
	SuperSign WB	Yes	Yes
	Connected Care	Yes	Yes
Warranty & Others	Warranty	3 Year Limited	3 Year Limited
	Onscreen Display Languages	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	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
	Accessories	Remote Controller(include battery 2ea), Power Cord, RS232C cable, DP cable, IR Receiver, Guide Bracket, Screws, Manual	Remote Control (including battery 2ea), Power Cord, RS232C cable, DP cable, IR Receiver, Guide Bracket, Screws, Manual

* Lifetime spec does not supersede the 3 Year Limited Warranty.

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