Incredible Immersion with Ultra-Narrow Bezel

VL5F Series

The VL5F series provides all-encompassing screen immersion thanks to its ultra-narrow 3.5 mm bezel-to-bezel, while its outstanding IPS panel delivers a clear image from any angle. With its extremely attractive and highly functional design, it can be used to deliver advertising and information in a variety of business environments.

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Incredible Immersion with Ultra-Narrow Bezel
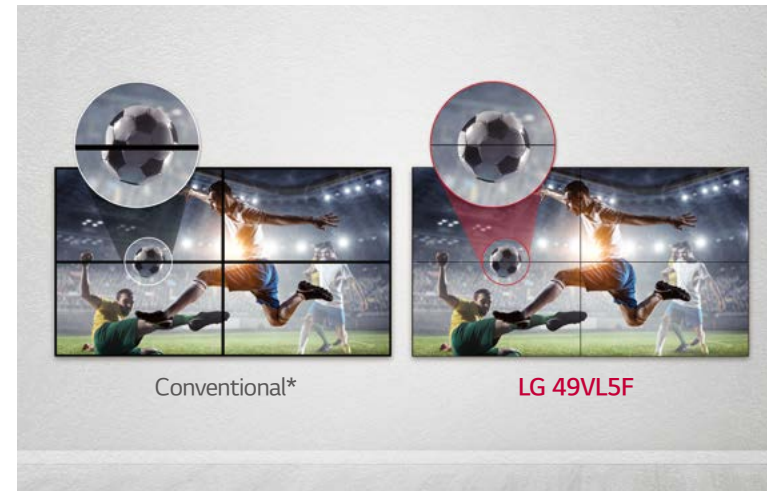## VL5F Series

Achieving Incredible Immersion

Seamless Large Screens with Ultra-Narrow Bezel

The ultra-narrow bezel creates a visually stunning digital wall to effectively deliver dynamic content and immerse the viewers. The large screen it generates is enough to captivate the attention of passersby.

Image Gap Reduction

The VL5F series 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.

3.5mm
2.3mm(L/T)
1.2mm(R/B)

Conventional*   LG 49VL5F

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

Incredible Immersion with Ultra-Narrow Bezel
VL5F Series

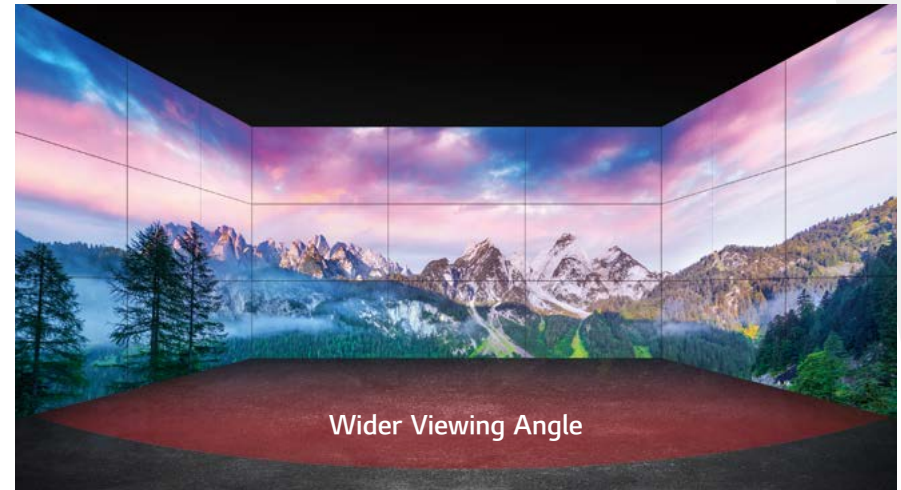## Vivid and Dynamic Picture Quality

Higher Viewing Angle

Large screens are usually positioned higher than human-eye level, making uniform picture quality essential for video walls. The viewing angle of the VL5F series is high enough to display vivid colors throughout the screen with no distortion.

Wider Viewing Angle

It is well known that LG IPS panel technology enables better control of liquid crystals, which in turn allows the screen to be viewed from virtually any angle. Because of this, the VL5F series captures the attention of and captivates more viewers with lifelike colors, regardless of their viewing position.

45°* High Viewing Angle

Wider Viewing Angle

* Results based on in-house testing. Actual test results may differ depending on environment and measuring equipment.
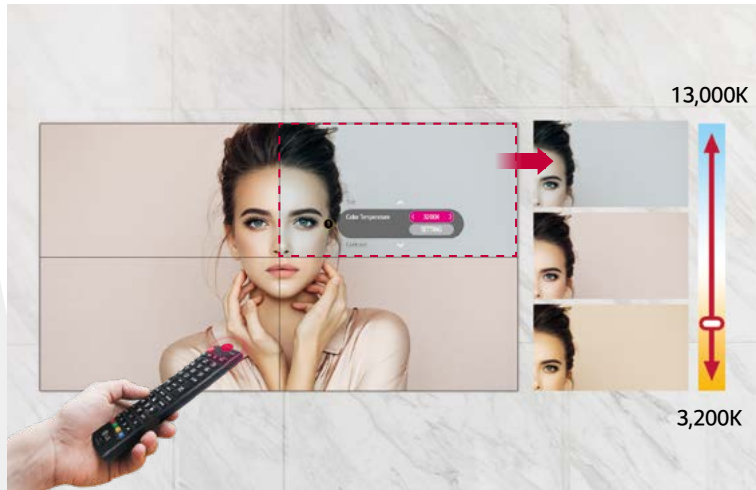
Incredible Immersion with Ultra-Narrow Bezel
VL5F Series

User Convenience

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.

Simple White Balance Adjustment

In conventional video walls, white balance was adjustable only in "full-white" mode, but the VL5F series allows you to modify each value of grey scale to achieve more detailed and precise white balance adjustment.
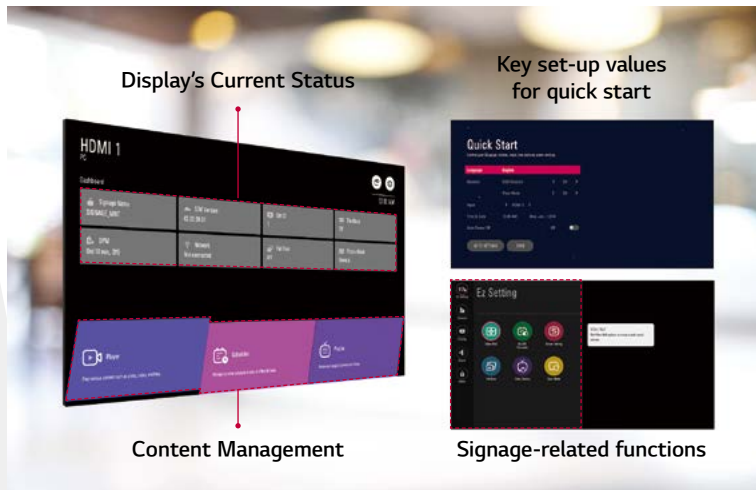
Incredible Immersion with Ultra-Narrow Bezel
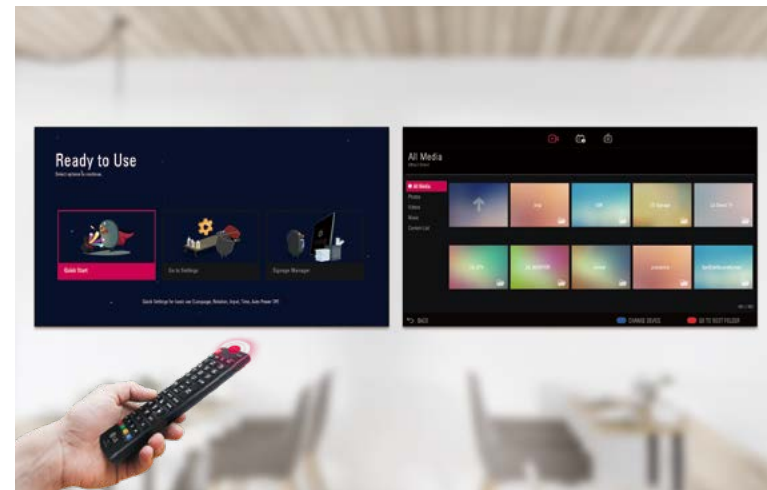## VL5F Series

User Convenience

User-Friendly Menu Structure

The menu structure has been optimized for commercial use. It simplifies approach flows and groups similar functions together, adopting a more intuitive GUI for ease of use. This way, users can avoid having to do trial-and-error when exploring desired functions and managing displays.

Display's Current Status

Key set-up values for quick start

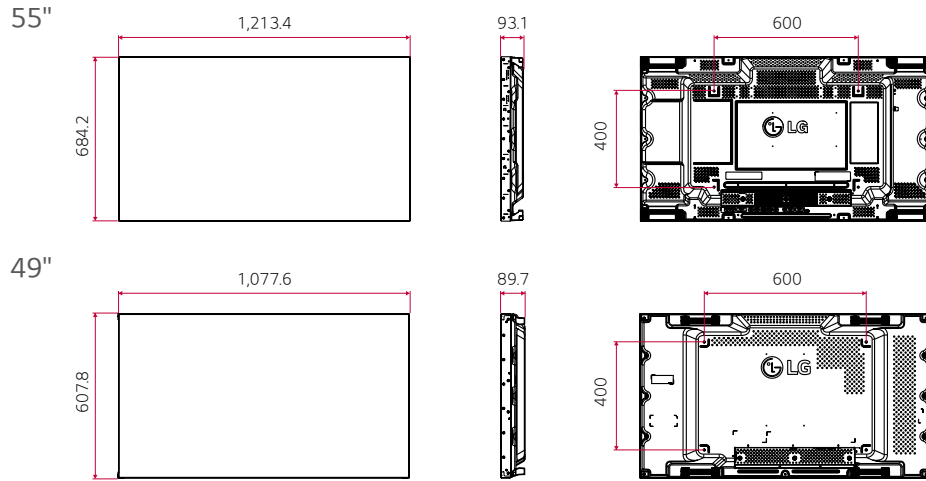Content Management
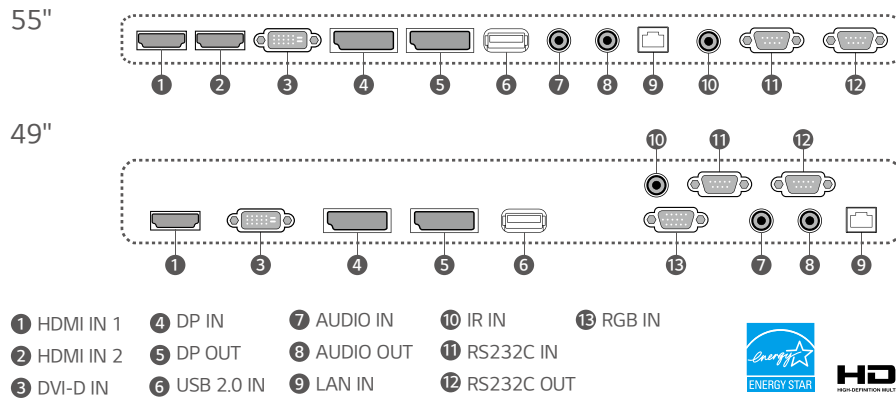
Signage-related functions

Intuitive GUI

The GUI(Graphic User Interface) is carefully designed with a four-way navigation remote control that lets users easily switch to other settings. Also, it adopts a larger font for better visibility, which is necessary when users want to control displays from relatively far distances.

Dimension (unit: mm)

55"

1,213.4   93.1   600

684.2   400

49"

1,077.6   89.7   600

607.8   400

Connectivity

55"

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

49"

⑩ ⑪ ⑫

① ③ ④ ⑤ ⑥ ⑬ ⑦ ⑧ ⑨

① HDMI IN 1   ④ DP IN   ⑦ AUDIO IN   ⑩ IR IN   ⑬ RGB IN
② HDMI IN 2   ⑤ DP OUT   ⑧ AUDIO OUT ⑪ RS232C IN
③ DVI-D IN   ⑥ USB 2.0 IN ⑨ LAN IN   ⑫ RS232C OUT

ENERGY STAR

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

Specifications

		55VL5F	49VL5F
PANEL	Screen Size	55"	49"
	Panel Technology	IPS	IPS
	Aspect Ratio	16 : 9	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness (Typ.)	500 cd/m²	450 cd/m²
	Contrast Ratio	1,200:1	1,300:1
	Dynamic CR	500,000 : 1	500,000:1
	Viewing Angle (H x V)	178 x 178	178 x 178
	Response Time	8 ms (G to G)	8 ms (G to G)
	Surface Treatment	3%	3%
	Life Time (Typ.)	50,000 Hrs	50,000 Hrs
	Operation Hours	24 Hrs	24 Hrs
	Orientation	Landscape & Portrait	Landscape & Portrait
CONNECTIVITY	Input	HDMI(2), DP, DVI-D, Audio, USB	HDMI, DP, DVI-D, RGB, Audio, USB
	Output	DP, Audio	DP, Audio
	External Control	RS232C In/out, RJ45(LAN) In, IR In	RS232C In/out, RJ45 (LAN) In, IR In
MECHANICAL SPECIFICATION	Bezel Color	Black	Black
	Bezel Width	2.25 mm (T/L) / 1.25 mm(B/R)	2.3 mm (T/L), 1.2 mm (B/R)
	Monitor Dimension (W x H x D)	1,213.4 x 684.2 x 93.1 mm	1,077.6 x 607.8 x 89.7 mm
	Weight (Head)	23.2kg	17.8 kg
	Carton Dimensions (W x H x D)	1,337 x 828 x 239 mm	1,214 x 778 x 263 mm
	Packed Weight	30.5kg	22.8 kg
	Handle	Yes	Yes
	VESA™ Standard Mount Interface	600 x 400 mm	600 x 400 mm
KEY FEATURE		Temperature Sensor, Tile Mode (Up to 15x15), Natural Mode @Tile Mode, ISM Method, DPM Wake Up, Smart Energy Saving, File Play with USB, USB Cloning, Contents Scheduling (USB), Calibration Mode, PM Mode, Firamware Update (LAN), HDMI-CEC[1], No Signal Image (Up to 5MB), Wake on LAN, Failover, OPS Power Control, Scan Inversion (with Pivot Mode)	
ENVIRONMENT CONDITIONS	Operation Temperature	0°C to 40°C	0°C to 40°C
	Operation Humidity	10% to 80%	10% to 80%
POWER	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Type	Built-In Power	Built-In Power
	Power Consumption — Typ./Max.	130 W / 150 W	90 W / 110 W
	Power Consumption — Smart Energy Saving	62 W	55 W
CERTIFICATION	Safety	IEC 60950-1 / EN 60950-1 / UL 60950-1	IEC 60950-1 / EN 60950-1 / UL 60950-1
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP / Energy Star	NA / Yes (Energy Star 7.0)	N/A / Yes (Energy Star 7.0)
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	No	No
	External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Control/Control+	SuperSign Control/Control+
ACCESSORIES	Basic	Remote Controller, Power Cord, RS232C Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual	
	Optional	Wall Mount (Landscape: WM-L640V, Portrait: WM-P640V)	

1) Compatibility may differ by equipment

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