Incredible Immersion with Ultra-Narrow Bezel

VL7F Series

The VL7F series provides all-encompassing screen immersion thanks to its ultra-narrow 3.5 mm bezel-to-bezel, while its high brightness delivers clear and vivid content even under bright lighting. With its extremely attractive and highly functional design, it can be used to deliver advertising and information in a variety of business environments.

LG Business Solutions

Incredible Immersion with Ultra-Narrow Bezel
VL7F 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 VL7F 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
(Bezel to Bezel)

Conventional*

LG VL7F Series

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

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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 VL7F series is high enough to display vivid colors throughout the screen with no distortion.

45°* High Viewing Angle

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 VL7F series captures the attention of and captivates more viewers with lifelike colors, regardless of their viewing position.

Wider Viewing Angle

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

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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 VL7F series allows you to modify each value of grey scale to achieve more detailed and precise white balance adjustment.
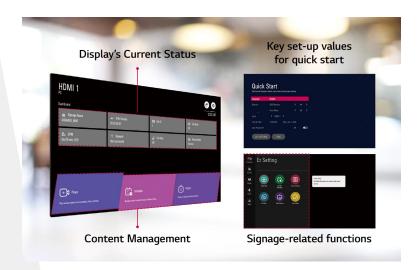

13,000K

3,200K

Incredible Immersion with Ultra-Narrow Bezel
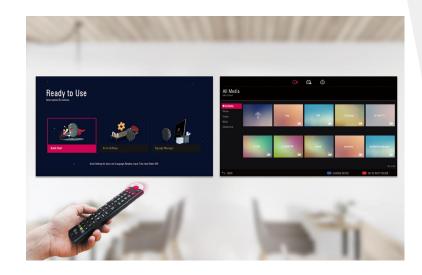## VL7F Series

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.
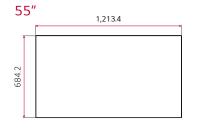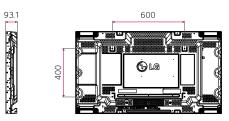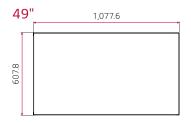
Intuitive GUI

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.
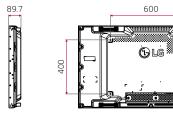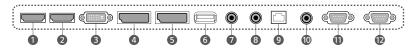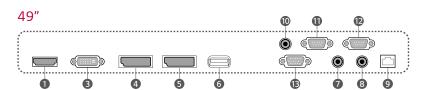

Display's Current Status

Key set-up values for quick start

Content Management

Signage-related functions

DIMENSION (unit: mm)

55"

1,213.4 — 93.1 — 600 — 400 — 684.2

49"

1,077.6 — 89.7 — 600 — 400 — 607.8

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

* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG sales team to verify before ordering.
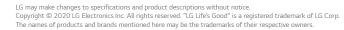
SPECIFICATION

		55VL7F	49VL7F
Panel	Screen Size	55"	49"
	Panel Technology	IPS	IPS
	Native Resolution	1,920 × 1,080 (FHD)	1,920 × 1,080 (FHD)
	Brightness (Typ.)	700 nit	700 nit
	Contrast Ratio	1,200 : 1	1,300 : 1
	Dynamic CR[1]	500,000 : 1	500,000 : 1
	Color Gamut	NTSC 72 %	NTSC 68 %
	Viewing Angle (H × V)	178 × 178	178 × 178
	Color Depth	1.07 Billion Colors (10 bit)	1.07 Billion Colors (10 bit)
	Response Time	8 ms (G to G)	8 ms (G to G)
	Surface Treatment	Haze 3 %	Haze 3 %
	Operation Hours (Hours / Day)	24 / 7	24 / 7
	Portrait / Landscape	Yes / Yes	Yes / Yes
Connectivity	Input	HDMI (2), DP, DVI-D, Audio, USB 2.0 Type A	HDMI, DP, DVI-D, RGB, Audio, USB 2.0 Type A
	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 (R/B)	2.25 mm (T/L) / 1.25 mm (R/B)
	Monitor Dimension (W × H × D)	1,213.4 × 684.2 × 93.1 mm	1,077.6 × 607.8 × 89.7 mm
	Weight (Head)	20.3 kg	17.8 kg
	Handle	Yes	Yes
	VESA™ Standard Mount Interface	600 × 400 mm	600 × 400 mm
Key Feature		Temperature Sensor, FAN (Only 55"), Embedded CMS (Local Contents Scheduling), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Sync Mode (RS-232C Sync), Rotation (Screen Rotation), Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Crestron Connected®[2], Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC[3], SI Server Setting, W/B Setting by Grey Scale, Scan Inversion	
Environmental Conditions	Operation Temperature	0 °C to 40 °C	0 °C to 40 °C
	Operation Humidity	10 % to 80 %	10 % to 80 %
Power	Power Supply	AC 100 - 240 V ~, 50 / 60 Hz	AC 100 - 240 V ~, 50 / 60 Hz
	Power Type	Built-In Power	Built-In Power
	Power Consumption — Typ. / Max.	165 W / 195 W	140 W / 165 W
	Power Consumption — BTU (British Thermal Unit)	563 BTU / Hr (Typ.), 665 BTU / Hr (Max.)	478 BTU / Hr (Typ.), 563 BTU / Hr (Max.)
Certification	Safety	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE / KC	FCC Class "A" / CE / KC
	ErP	Yes (EU Only)	Yes (EU Only)
Media player Compatibility	OPS Type Compatible	No	No
Software Compatibility		SuperSign CMS, SuperSign Control / Control+, SuperSign WB, SuperSign Media Editor	
Accessories	Basic	Remote Controller, Power Cord, RS232C Cable, LAN Cable, DP Cable, IR Receiver, Guide Bracket, Screws, Manual	
	Optional	Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V)	

[1] The luminosity ratio of Full Black / Full White color on video input condition.

[2] Network based control

[3] Compatibility may differ by equipment.

* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.