

LG SH7DB High Performance, Simple Installation

▶ 55SH7DB

55" class (54.6" diagonal)

▶ 49SH7DB

49" class (48.5" diagonal)

▶ 42SH7DB

42" class (42.5" diagonal)



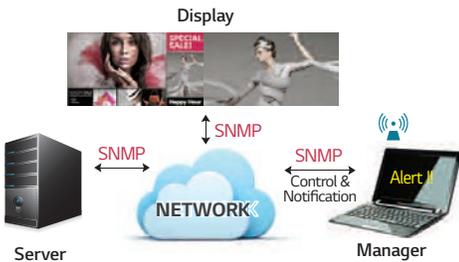
With its narrow even bezel, LG SH7DB enables you to create landscape or portrait walls in multiple installation scenes. It is enhanced in reliability and maintenance by protecting the circuit board from dust, iron fillings and humidity, and by detecting screen failures with SuperSign™ Software. Supporting convenient content management, this series are suitable for installation environments such as airport, retail and multiplex etc.

KEY FEATURES

CONVENIENT CONNECTIVITY SUPPORT

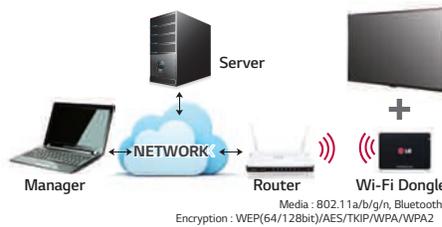
SIMPLE NETWORK MANAGEMENT PROTOCOL

SNMP support ensures convenient network management.



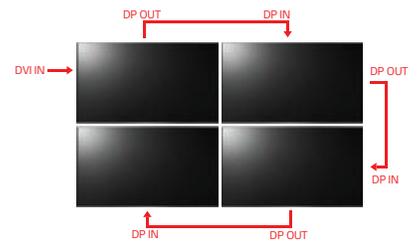
WI-FI SUPPORT

SH7DB Series support Wi-Fi USB dongle connection for convenient content distribution.



DIGITAL INPUT TO DAISY CHAIN

Support DVI/HDMI digital signal turns to DP out.



SCREEN MANAGEMENT MODE

ASPECT RATIO SUBSTANTIABILITY

Sustain the same resolution and picture quality while powering on/off by receiving EDID¹⁾ through switch IC.



1) Extended Display Identification Data.
* Installation Menu > LG Digital Signage > PM Mode

STAND-BY SCREEN*

Even without signal from the media player, the network does not turn off completely, so remote control is possible, which prevents unnecessary power usage and enables efficient management.



SCHEDULED SCREEN WASH

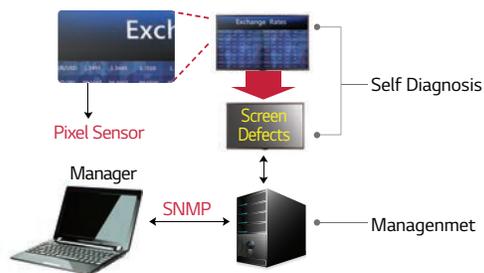
Prevent residual images with the screen transition feature..



SCREEN MANAGEMENT

SCREEN FAULT DETECTION

Detects screen failure and sends an alert log via email.



USB CONTENT SCHEDULING

Play and schedule contents with a USB connection-no server connection required.



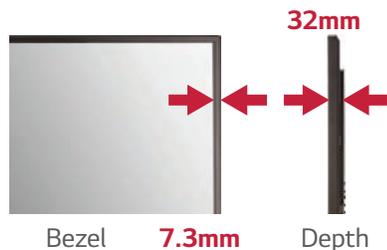
*Supported Content Type : Video (MPEG1/2/4, H.264), Audio(MP3, AC3, MPEG, AAC, HEAAC, LPCM), Image(JPEG, PNG, BMP)

PANEL ESSENTIALS



SLIM DESIGN | NARROW BEZEL

LG's monitors featuring a Direct-LED Backlight, have a stylishly slim design that fit perfectly into narrow spaces while ensuring high energy efficiency. The slim bezels are a perfect fit in confined areas and are easy to install.



CONFORMAL COATING

Conformal coating helps protect against water, dust and iron powder deposits which accumulate in harsh environments, saving on expensive installation and added enclosure costs.



With Conformal Coating



Without Conformal Coating



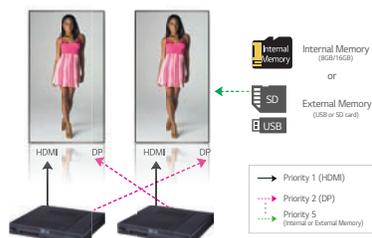
DETACHABLE LOGO

The detachable logo can be removed and repositioned to the desired setting. Perfect when using in Portrait Mode.



ADVANCED FAILOVER

The enhanced failover function enables content in the internal memory to be displayed without dead spots when none of the external inputs are working. Monitor performs the signal switching automatically.

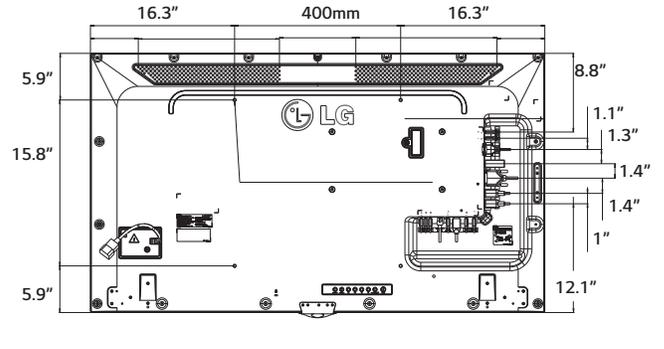
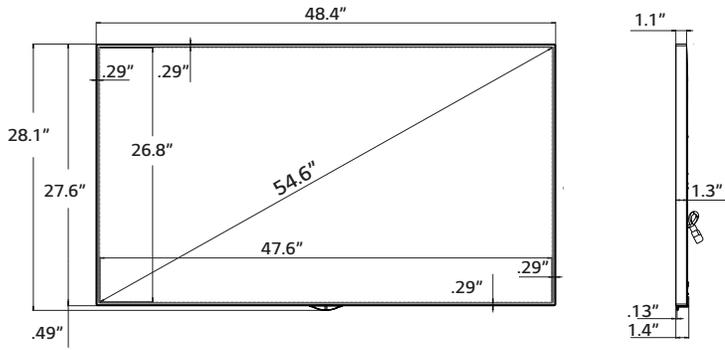


OPS (OPEN PLUGGABLE SPECIFICATION) KIT / HDBASET BOX

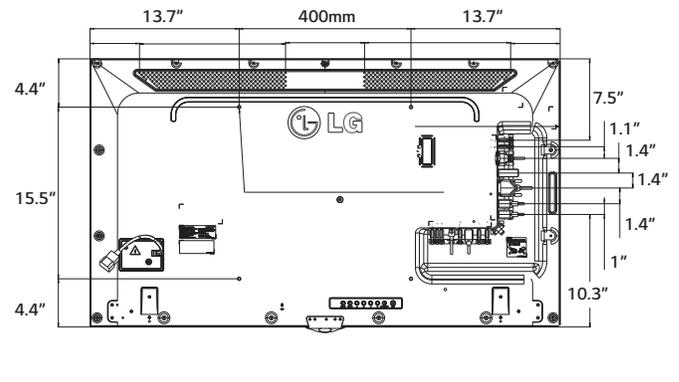
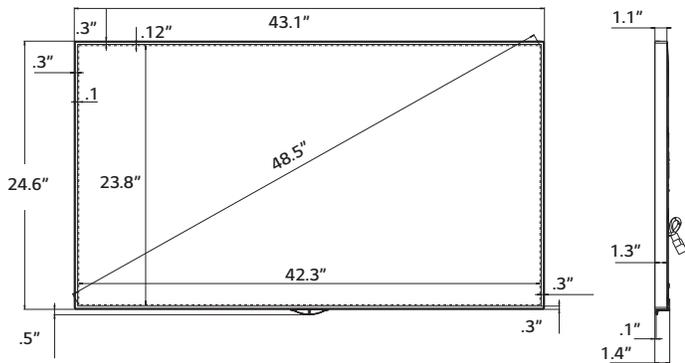
The SH7DB provides an OPS Kit to connect a third-party OPS player or HDBaset box. Users have the flexibility to choose any media player as long as it complies with OPS.



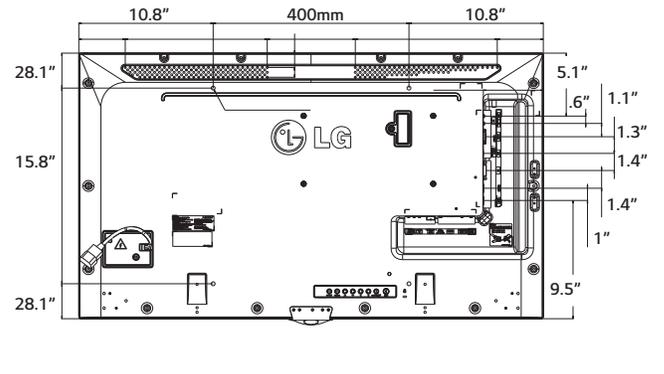
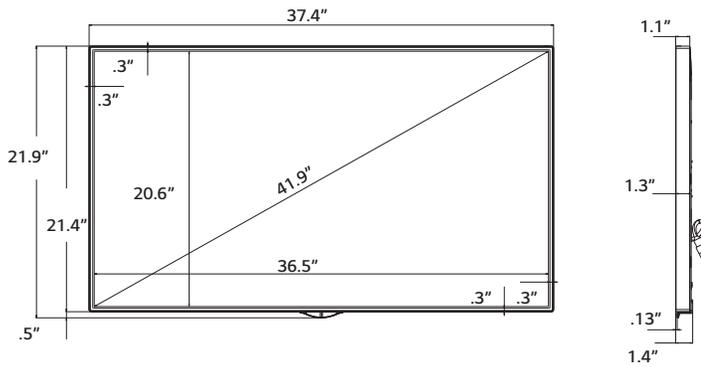
55SH7DB



49SH7DB

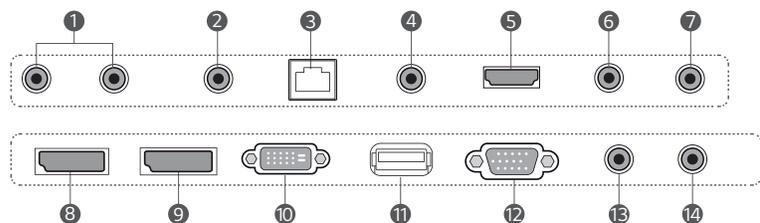


43SH7DB



55/49/43SH7DB Rear Jack Pack

- ① SPEAKER OUT
- ② AUDIO IN
- ③ LAN
- ④ PIXEL SENSOR
- ⑤ HDMI
- ⑥ AUDIO OUT
- ⑦ IR & LIGHT SENSOR
- ⑧ DP IN
- ⑨ DP OUT
- ⑩ DVI-D IN
- ⑪ USB
- ⑫ RGB IN
- ⑬ RS-232C IN
- ⑭ RS-232C OUT



SH7DB

Standard Performance

▶ **55SH7DB**
55" class (54.6" diagonal)

▶ **42SH7DB**
42" class (42.5" diagonal)

▶ **49SH7DB**
49" class (48.5" diagonal)

PANEL	Model Name	55SH7DB	49SH7DB	42SH7DB
Screen Size		55" class (54.6" diagonal)	49" class (48.5" diagonal)	42" class (41.9" diagonal)
Panel Technology		IPS		
Aspect Ratio		16:9		
Native Resolution		1920 x 1080 (FHD)		
Pixels (H x V x 3)		6,220,800		
Brightness		700cd/m ²		
Contrast Ratio		1,300:1		
Dynamic CR		500,000:1		
Color Gamut		72%		
Viewing Angle (H x V)		178° x 178°		
Color Depth		1.07 Billion		
Response Time		8ms (G to G BW) Typical		
Surface Treatment		Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10%)		
Life Time (Typical)		50,000 Hrs min.		
Operation Hours		24 Hr		
Orientation		Portrait & Landscape		
Digital		Yes		
HDMI		Yes		
DP		Yes		
DVI		Yes		
Audio		Yes		
USB		Yes		
HDTV Formats		HDMI : 720p, 1080i, 1080p		
DP Out		Yes		
Audio		Yes		
External Speaker Out		Yes (L/R)		
RS232C		Yes		
Auto Brightness Sensor		Yes		
Tile Mode		Yes (Up to 15x15)		
Natural Mode @Tile Mode		Yes		
Source Selection		DVI-D, HDMI, Display Port, USB, OPS,RGB		
Brightness/Contrast /Backlight		Yes		
Position/Size		Yes		
Auto Config/Phase		Yes		
Language (OSD / USB PLAYBACK / MANUAL)		English, French, German, Spanish, Italian, Korean , Chinese (Simplified), Chinese (Original), Portuguese (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Portuguese (Europe), Dutch, Czech, Greek		
ISM Method		Normal, White Wash, Color Wash, Orbiter, inversion, Washing Bar, User image		
Advanced		Dynamic Contrast, Dynamic Color, Color Gamut, Skin Color, Sky Color, Grass color, Gamma		
Time		Clock, On/Off Time, Auto Off, Automatic Standby		
Input Label		Yes (PC/DTV)		
Power On Status		Standard, PWR, LST		
Key Operation		IR operation, Local key operation		
DPM Select		Yes		
DPM Wake Up		Yes		
Energy Saving		Yes (Minimum, Medium, Maximum, Screen off)		
Smart Energy Saving		Yes		
File Play With USB		Yes		
Wi-Fi		Dongle ready		
USB Cloning		Logo image download, EzDownload, Sent to USB, Receive from USB		
Easy Brightness Control		Yes		
Contents Scheduling		USB		
Calibration Mode		Yes		
DS		Yes		
Screen Off Schedule		Yes		
Time Sync Clock		Yes		
PM Mode		Yes		
Holiday Schedule		Yes		

SPECIAL FEATURES	Model Name	55SH7DB	49SH7DB	42SH7DB
FrameWare Update (LAN)			Yes	
Local Time Auto Setting			Yes	
Still Image			Yes	
HDMI-CEC			Yes	
Limited Mode		Input source change, Menu Display, OSD Display		
Power On Default		Input source, A/V Setting, Aspect Ratio		
Wake On LAN		Yes		
Digital Audio Input		Yes		
Power On Delay		0 - 255		
Pivot Mode		Yes		
OSD Portrait Mode		0,90,270		
Intelligent Auto		Yes		
Password Change		Yes		
SetID Setup		Manual, Auto		
Configuration Setup		Splash upset Time, USB auto Playback, Screen saver Cube		
Lock Mode		USB		
Fail Over		USB, RGB, DVI, HDMI		
SuperSign Server Setup		Player name, Server IP setting, Server IP Status		
No Signal Image (Up to 5MB)		Yes		
OPS PC Power Control		Sync On, Sync On/Off, Disable		
ENVIRONMENT CONDITIONS	Operation Temperature	32 °F to 104 °F		
Operation Humidity	10 % to 80 %			
VPOWER	Power Supply	100-240V~, 50/60Hz		
Power Type	Built-In Power			
POWER CONSUMPTION	Typical	140W	125W	110W
Smart Energy	95W	80W	60W	
DPM	0.7W (DP)			
Power Off	0.5W			
Balance	Yes			
Audio Power	20W (10W x 2) for External Speaker			
Speaker On/Off	Yes			
Clear Voice II	Yes			
Virtual Surround	Yes			
Equalizer	Yes			
Sound Mode	Standard, News, Music, Cinema, Sport, Game			
CERTIFICATION	Safety / EMC / ErP / ENERGY STAR ®	UL / cUL / CB / TUV / KC / FCC Class "A" / CE / KCC / Yes / Yes (ENERGY STAR 6.0)		
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes		
External Media Player Attachable	Yes (MP500/MP700)			
SOFTWARE COMPATIBILITY	SuperSign-w lite	Yes		
SuperSign-c	Yes			
CABINET	Bezel Color	Black		
Bezel Width	7.4mm (T/L/R/U even)			
(W x H x D)	48.4" x 28.1" x 1.3"	43.1" x 25.1" x 1.3"	37.4" x 21.9" x 1.3"	
Weight	45.6lbs	34.4lbs	27.6lbs	
w/Optional Stand (WxHxD)	48.4" x 30.6" x 11.7"	43.1" x 27.6" x 11.7"	37.4" x 24.3" x 11.7"	
w/Optional Stand Weight	48.7lbs	37.5lbs	30.6lbs	
w/Optional Stand & Speakers (WxHxD)	48.4" x 30.6" x 11.7"	43.1" x 27.6" x 11.73"	37.4" x 24.3" x 11.7"	
w/Optional Stand & Speakers Weight	50.5lbs	39.2lbs	32.4lbs	
Carton (WxHxD)	52.4" x 32.1" x 6.9"	47.1" x 29.9" x 5.3"	41.1" x 25.4" x 5"	
Carton Weight	55.6lbs	41.2lbs	32.6lbs	
VESA™ Compatible	400mm x 400mm			
Temperature Sensor	Yes			
ACCESSORIES	Basic	Remote Controller (include battery 2 each), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, IR Receiver		
Optional	SP-2100 (External Speaker), ST-200T, LSW440S, AN-WF500 (WiFi USB Dongle), KT-OPSA (OPS Kits), KT-SP0 (Pixel Sensor)			
OTHER	UPC	7 19192 19748 0	7 19192 19747 3	7 19192 19746 6
WARRANTY	3-Year Limited Warranty Parts/Labor/Backlight Extended warranty options are also available			



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LG_SPEC_SH7DB Series_071516_PR



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Printed in the USA. August 2015